

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111874.D
 Acq On : 7 Jan 2019 13:10
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 13:38:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 12:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	190333	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	680146	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	342703	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	642761	20.00	ng	0.00
76) Chrysene-d12	14.06	240	423342	20.00	ng	0.00
87) Perylene-d12	15.54	264	353665	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1510548	135.28	ng	0.00
7) Phenol-d6	6.55	99	1956915	137.71	ng	0.01
23) Nitrobenzene-d5	7.46	82	1945923	166.53	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	646524	159.66	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	3274405	139.27	ng	0.00
79) Terphenyl-d14	13.01	244	3407281	152.63	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	349405	66.507	ng	98
3) Pyridine	3.45	79	949527	69.374	ng	99
4) n-Nitrosodimethylamine	3.42	42	472876	70.595	ng	97
6) Aniline	6.56	93	1189668	65.675	ng	# 75
8) 2-Chlorophenol	6.69	128	874819	70.724	ng	95
9) Benzaldehyde	6.44	77	442950	45.321	ng	97
10) Phenol	6.56	94	1094224	68.243	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	870419	72.443	ng	98
12) 1,3-Dichlorobenzene	6.84	146	1021605	71.267	ng	99
13) 1,4-Dichlorobenzene	6.91	146	1030010	70.850	ng	97
14) 1,2-Dichlorobenzene	7.07	146	949774	70.023	ng	99
15) Benzyl Alcohol	7.05	79	798981	70.793	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1403597	63.428	ng	92
17) 2-Methylphenol	7.16	107	701234	70.799	ng	95
18) Hexachloroethane	7.41	117	376378	76.828	ng	95
19) n-Nitroso-di-n-propylamine	7.32	70	670290	71.023	ng	100
20) 3+4-Methylphenols	7.32	107	832801	66.544	ng	90
22) Acetophenone	7.31	105	1269153	73.656	ng	95
24) Nitrobenzene	7.48	77	995005	81.247	ng	95
25) Isophorone	7.72	82	1607716	77.503	ng	100
26) 2-Nitrophenol	7.79	139	502883	101.248	ng	98
27) 2,4-Dimethylphenol	7.84	122	689621	70.434	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	1038451	75.229	ng	98
29) 2,4-Dichlorophenol	8.05	162	795383	75.526	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	889642	75.808	ng	99
31) Naphthalene	8.20	128	2342573	71.682	ng	98
32) Benzoic acid	8.00	122	486964	75.222	ng	98
33) 4-Chloroaniline	8.25	127	1006933	71.287	ng	98
34) Hexachlorobutadiene	8.32	225	550705	76.996	ng	99
35) Caprolactam	8.65	113	271181	75.992	ng	92
36) 4-Chloro-3-methylphenol	8.75	107	800590	77.336	ng	98
37) 2-Methylnaphthalene	8.89	142	1566567	73.680	ng	99
38) 1-Methylnaphthalene	8.99	142	1500975	73.505	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	843304	74.886	ng	100

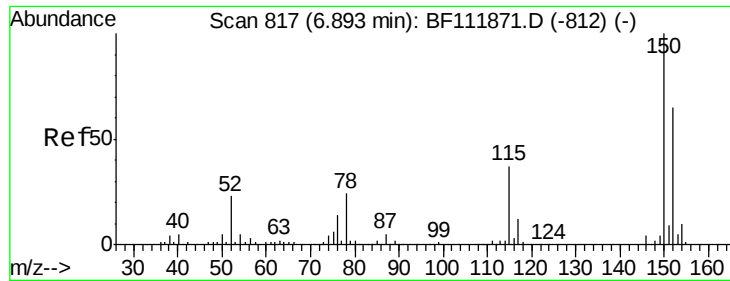
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 12:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	538966	98.628	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	582408	77.463	ng	99
44) 2,4,5-Trichlorophenol	9.22	196	600375	77.837	ng	97
46) 1,1'-Biphenyl	9.36	154	2110960	72.970	ng	98
47) 2-Chloronaphthalene	9.39	162	1684797	73.506	ng	98
48) 2-Nitroaniline	9.48	65	543831	91.205	ng	92
49) Acenaphthylene	9.80	152	2434371	72.743	ng	100
50) Dimethylphthalate	9.66	163	1958159	78.136	ng	100
51) 2,6-Dinitrotoluene	9.72	165	440650	88.181	ng	99
52) Acenaphthene	9.97	154	1592124	77.138	ng	99
53) 3-Nitroaniline	9.89	138	475978	89.312	ng	99
54) 2,4-Dinitrophenol	9.99	184	215951	160.143	ng	# 84
55) Dibenzofuran	10.15	168	2235173	71.680	ng	95
56) 4-Nitrophenol	10.06	139	354055	87.052	ng	97
57) 2,4-Dinitrotoluene	10.13	165	582290	96.954	ng	98
58) Fluorene	10.49	166	1630125	72.547	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	503842	77.620	ng	98
60) Diethylphthalate	10.36	149	1838344	74.781	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	903523	72.780	ng	99
62) 4-Nitroaniline	10.52	138	459094	88.632	ng	98
63) Azobenzene	10.63	77	1816491	73.603	ng	100
65) 4,6-Dinitro-2-methylphenol	10.54	198	321188	133.766	ng	92
66) n-Nitrosodiphenylamine	10.60	169	1568263	72.685	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	608545	76.333	ng	98
68) Hexachlorobenzene	11.04	284	670874	75.473	ng	96
69) Atrazine	11.12	200	540583	72.119	ng	98
70) Pentachlorophenol	11.23	266	421973	76.788	ng	97
71) Phenanthrene	11.45	178	2413104	70.790	ng	98
72) Anthracene	11.50	178	2423942	70.843	ng	98
73) Carbazole	11.65	167	2350366	70.754	ng	98
74) Di-n-butylphthalate	11.97	149	2673573	71.783	ng	98
75) Fluoranthene	12.63	202	2410271	69.825	ng	97
77) Benzidine	13.01	184	47247	2.966	ng	96
78) Pyrene	12.86	202	2398030	80.214	ng	99
80) Butylbenzylphthalate	13.47	149	1010229	82.900	ng	97
81) Benzo(a)anthracene	14.05	228	1851432	76.632	ng	98
82) 3,3'-Dichlorobenzidine	14.01	252	602143	63.080	ng	99
83) Chrysene	14.09	228	1743008	73.404	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	1271832	82.857	ng	# 99
85) Di-n-octyl phthalate	14.64	149	1804697	75.884	ng	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	1655973	82.035	ng	100
88) Benzo(b)fluoranthene	15.11	252	1592278	77.035	ng	99
89) Benzo(k)fluoranthene	15.14	252	1459480	74.168	ng	99
90) Benzo(a)pyrene	15.48	252	1445874	76.996	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	1371024	83.376	ng	99
92) Benzo(g,h,i)perylene	17.50	276	1398298	87.084	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

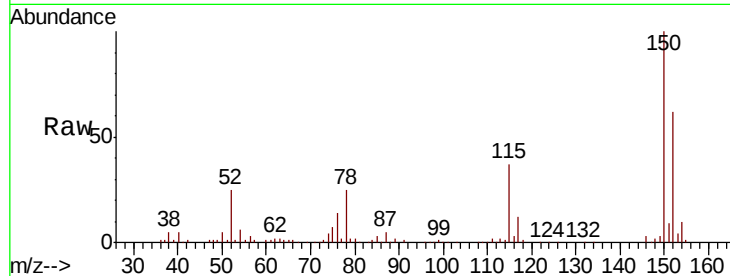


#1

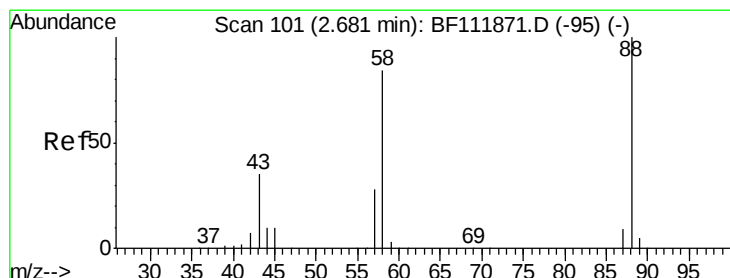
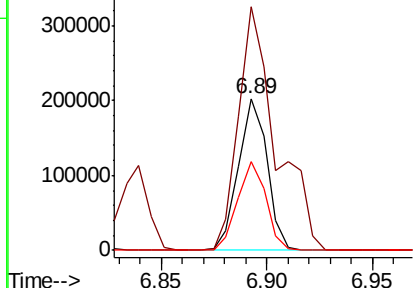
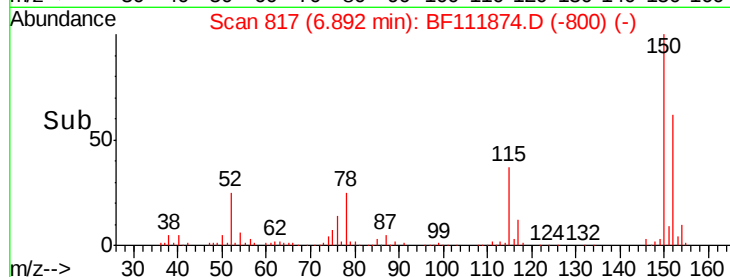
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 190333
Ion Ratio Lower Upper
152 100
150 160.3 122.7 184.1
115 58.6 45.2 67.8



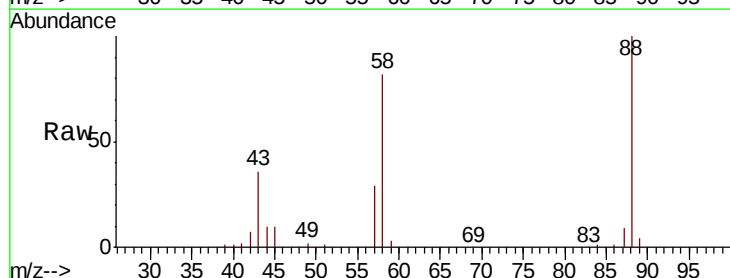
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



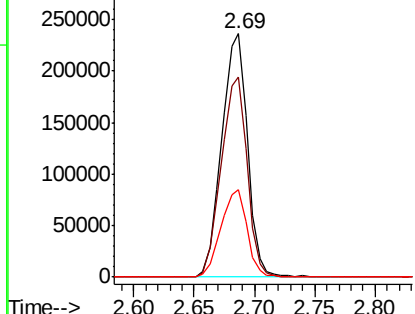
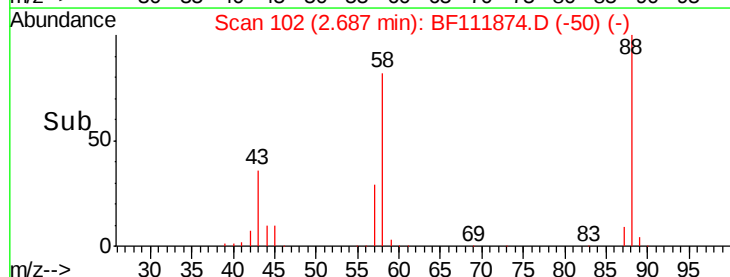
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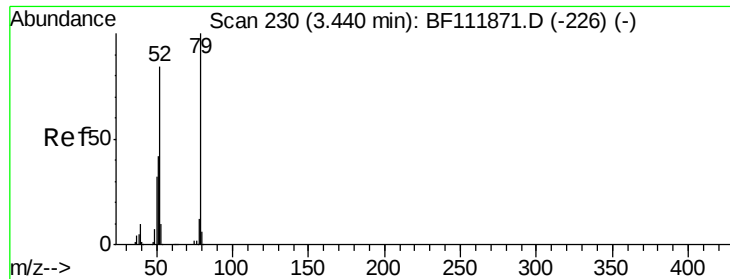
1,4-Dioxane
Concen: 66.507 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion: 88 Resp: 349405
Ion Ratio Lower Upper
88 100
58 82.3 67.6 101.4
43 36.3 29.0 43.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 69.374 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampled :

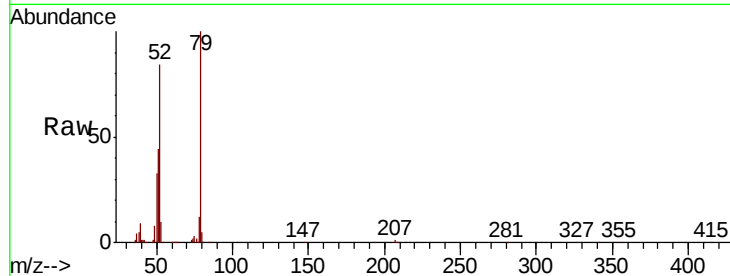
Tot Ion: 79 Resp: 949527

Ion Ratio Lower Upper

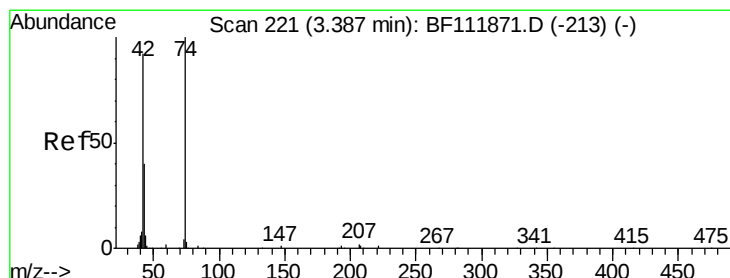
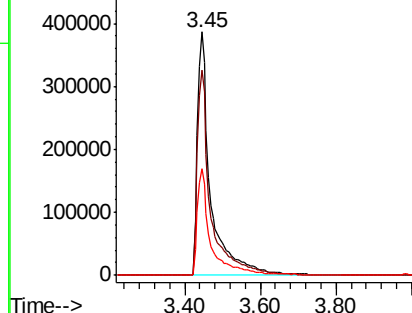
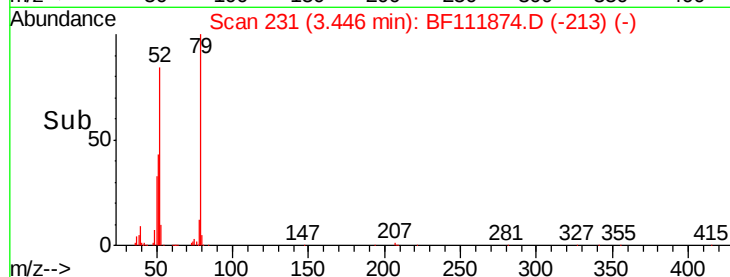
79 100

52 84.3 67.0 100.6

51 43.6 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 70.595 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.03 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

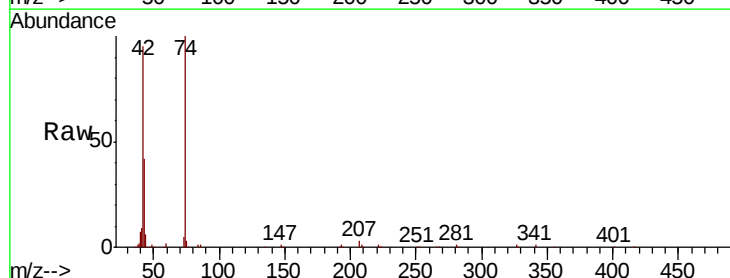
Tgt Ion: 42 Resp: 472876

Ion Ratio Lower Upper

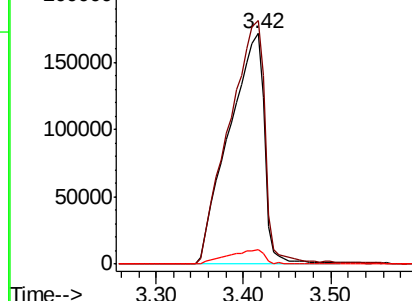
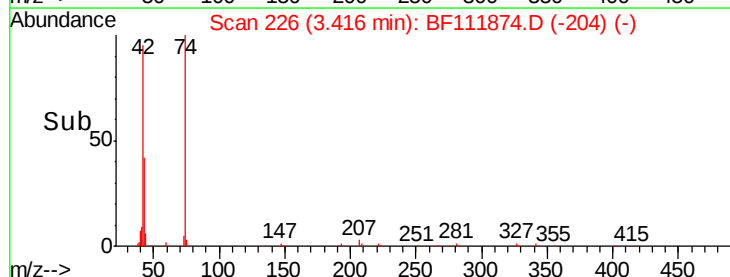
42 100

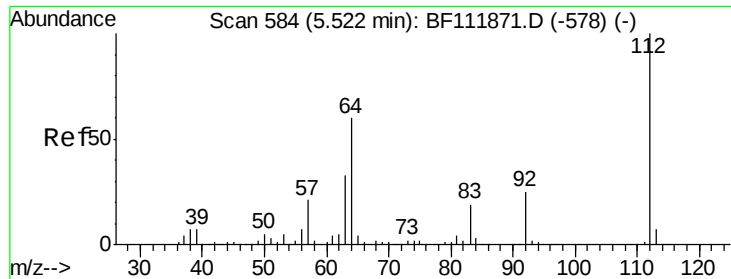
74 105.6 87.0 130.6

44 6.2 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 135.278 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampled :

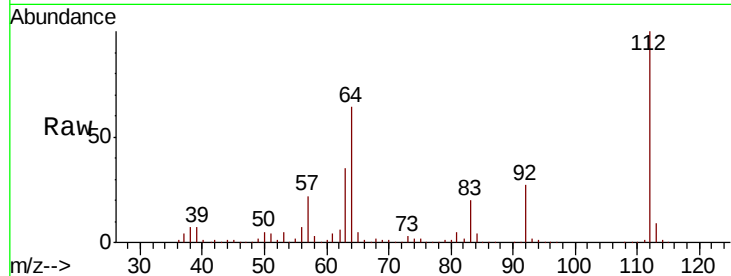
Tot Ion:112 Resp: 1510548

Ion Ratio Lower Upper

112 100

64 64.2 48.3 72.5

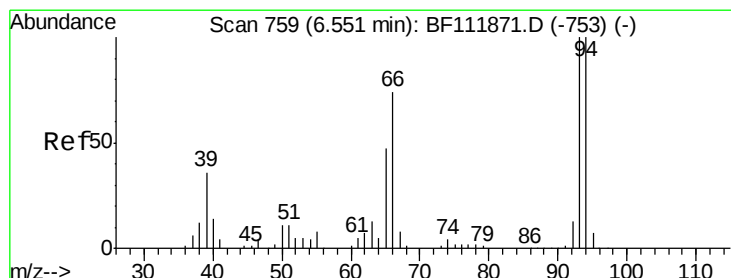
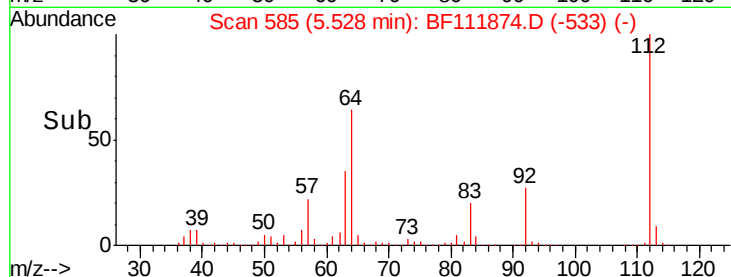
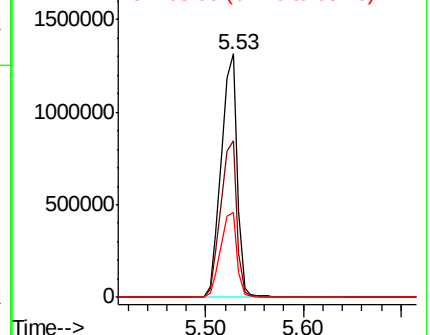
63 35.1 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 65.675 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

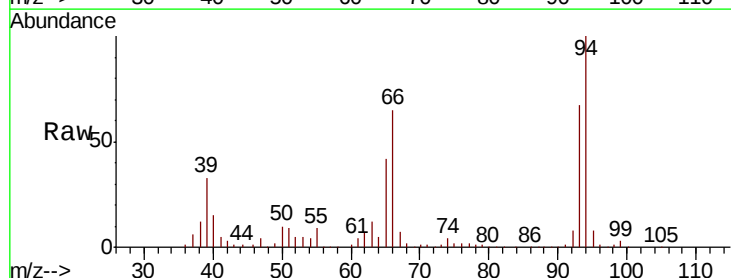
Tgt Ion: 93 Resp: 1189668

Ion Ratio Lower Upper

93 100

66 96.7 60.0 90.0#

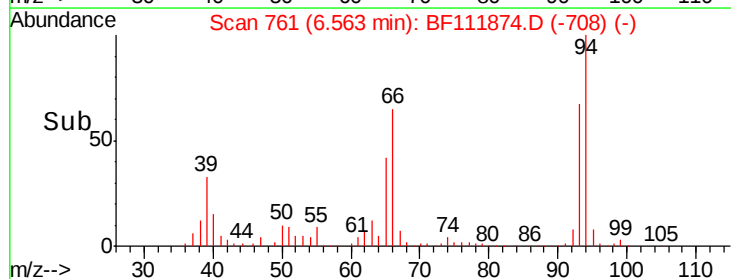
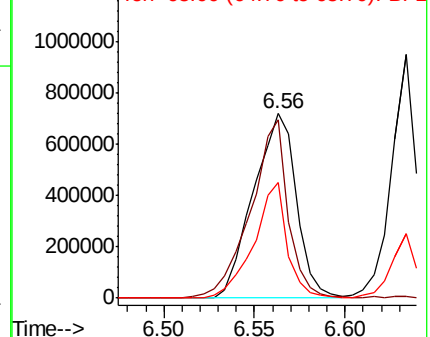
65 62.4 37.5 56.3#

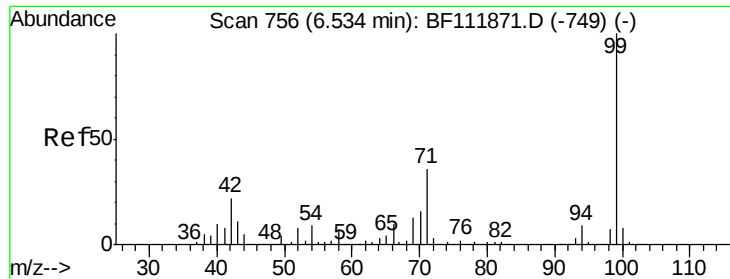


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 137.707 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

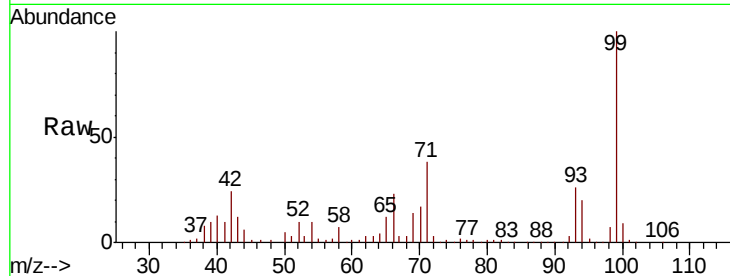
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1956915

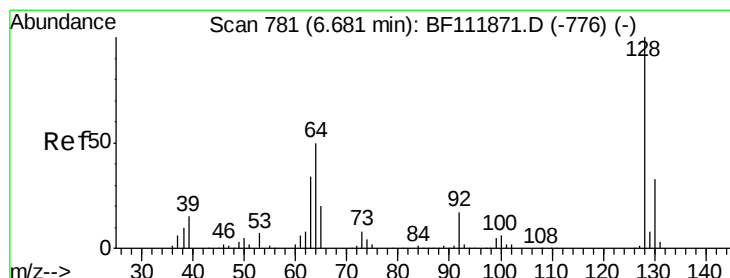
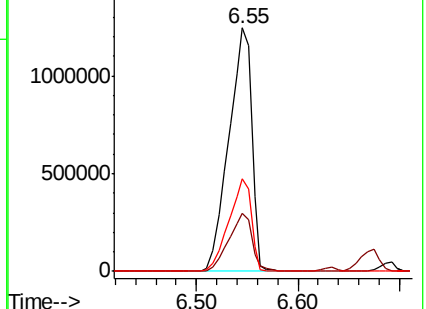
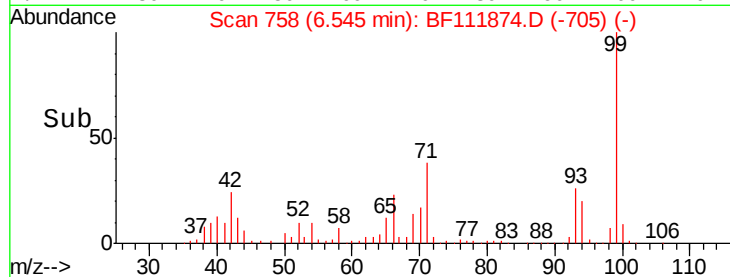
Ion	Ratio	Lower	Upper
99	100		
42	23.7	17.9	26.9
71	38.0	28.7	43.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 70.724 ng

RT: 6.69 min Scan# 783

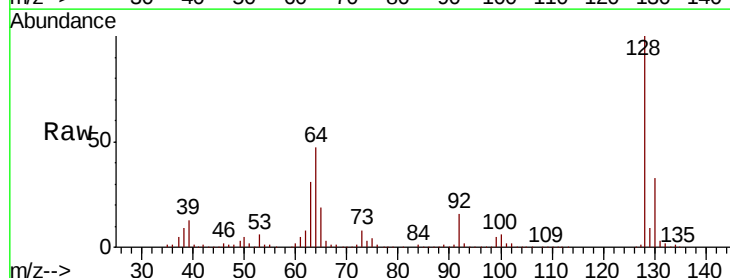
Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Tgt Ion: 128 Resp: 874819

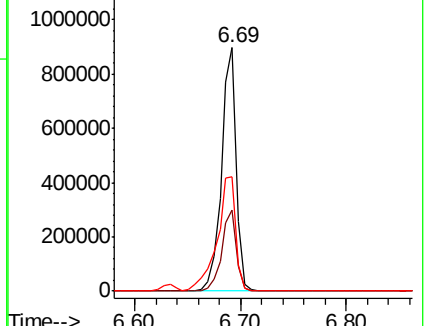
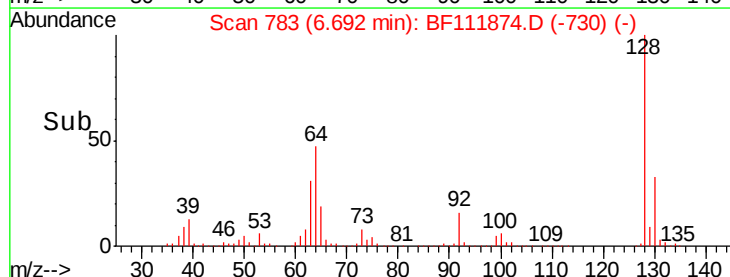
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.7	52.7
64	46.7	31.8	71.8

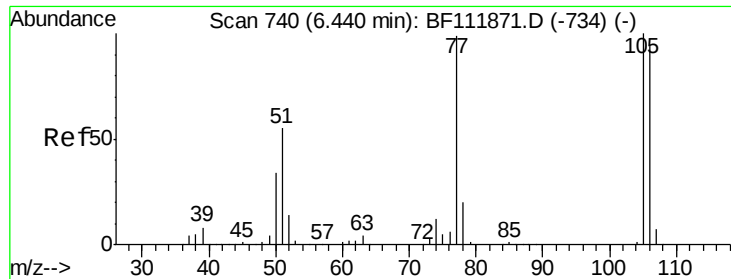


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 45.321 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampled :

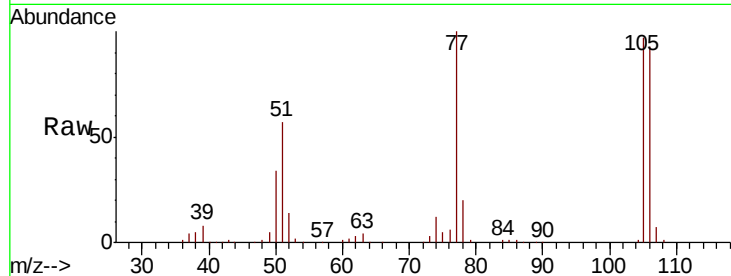
Tot Ion: 77 Resp: 442950

Ion Ratio Lower Upper

77 100

105 97.3 80.6 120.6

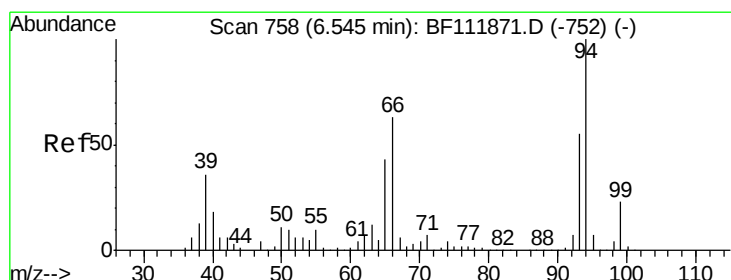
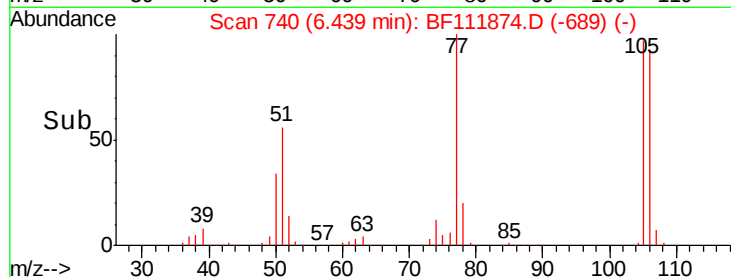
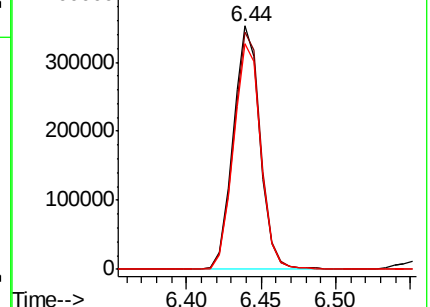
106 93.0 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 68.243 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.02 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

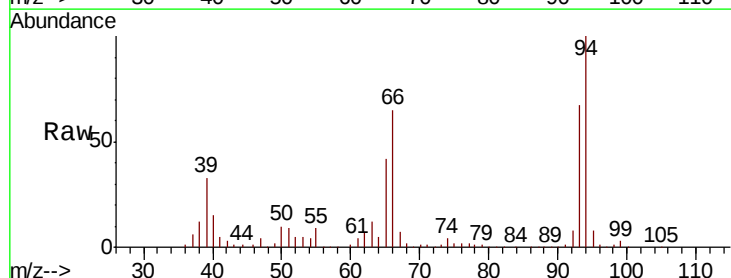
Tgt Ion: 94 Resp: 1094224

Ion Ratio Lower Upper

94 100

65 41.7 22.8 62.8

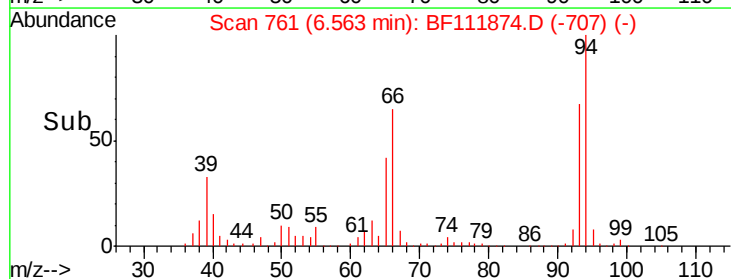
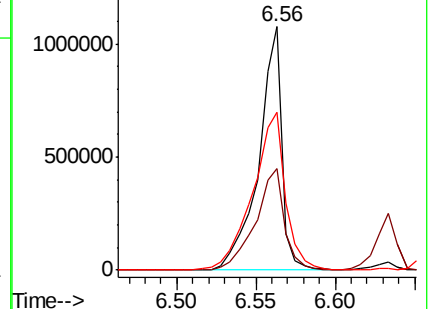
66 64.6 43.3 83.3

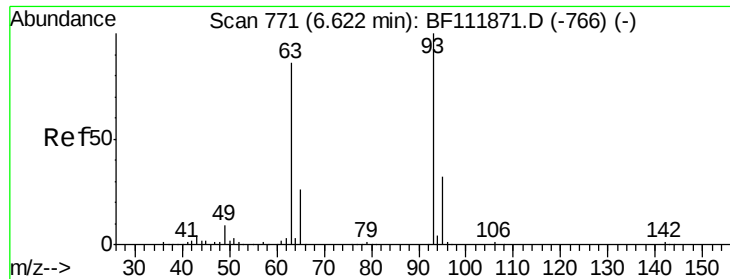


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

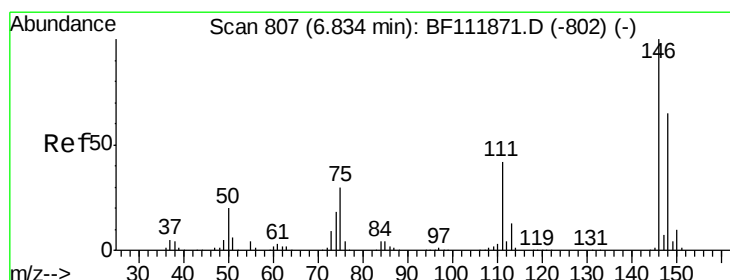
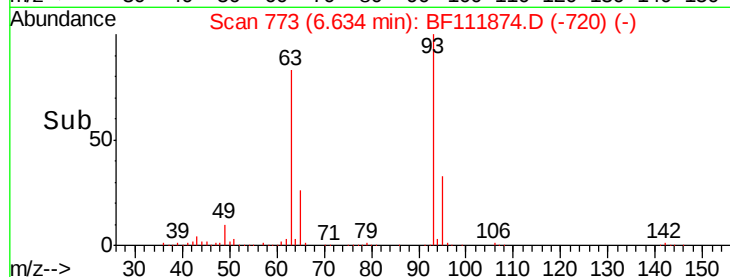
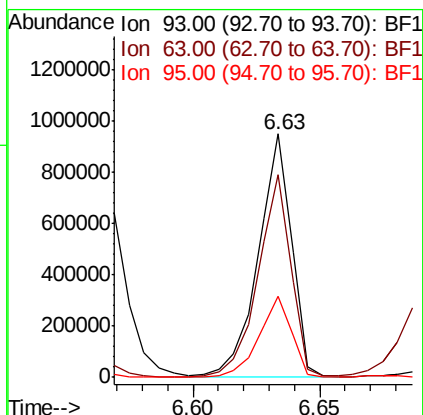
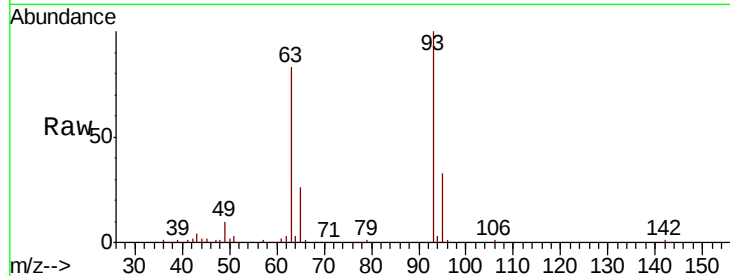




#11
bis(2-Chloroethyl)ether
Concen: 72.443 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

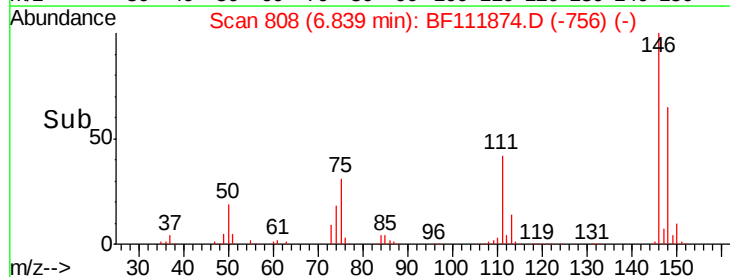
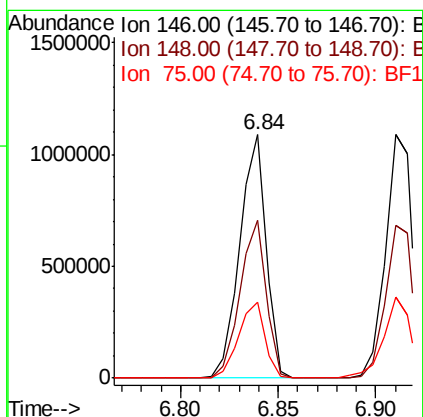
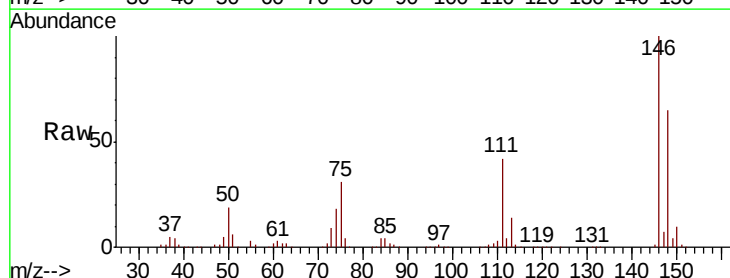
Instrument :
BNA_F
ClientSampleId :

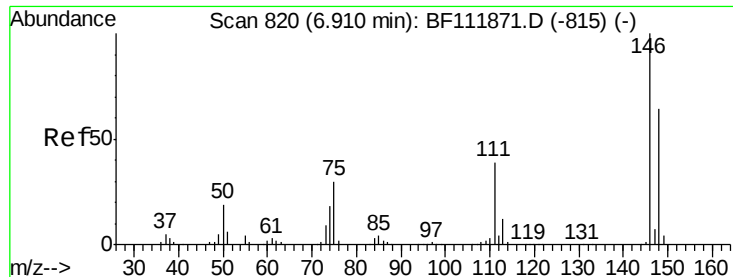
Tot Ion: 93 Resp: 870419
Ion Ratio Lower Upper
93 100
63 83.1 65.2 105.2
95 33.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 71.267 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion: 146 Resp: 1021605
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.6
75 31.1 24.3 36.5

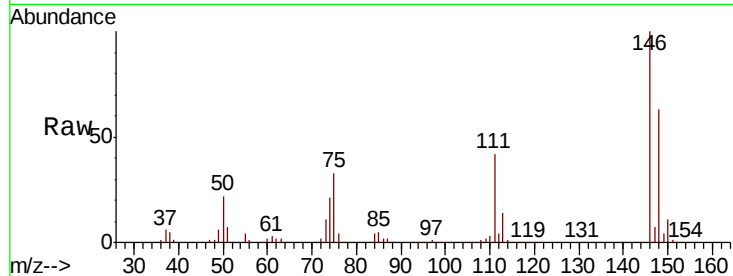




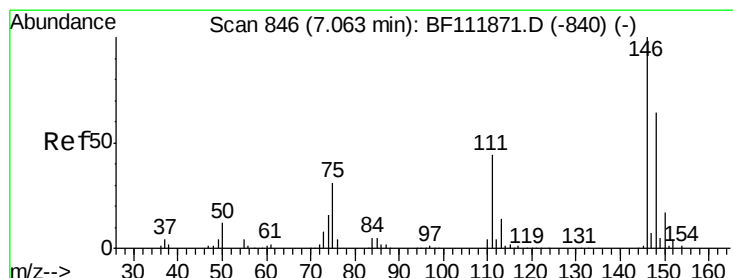
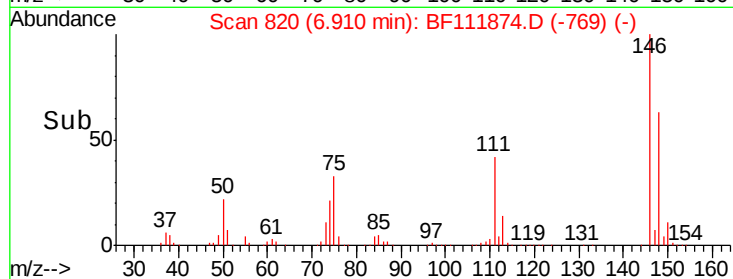
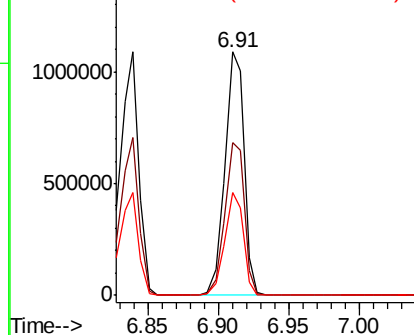
#13
 1,4-Dichlorobenzene
 Concen: 70.850 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF111874.D
 Acq: 7 Jan 2019 13:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 1030010
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.2 76.8
 111 42.2 31.5 47.3

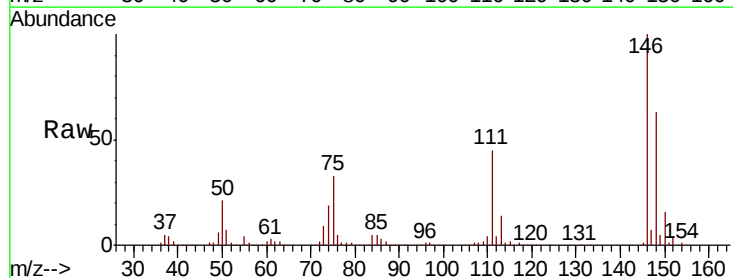


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

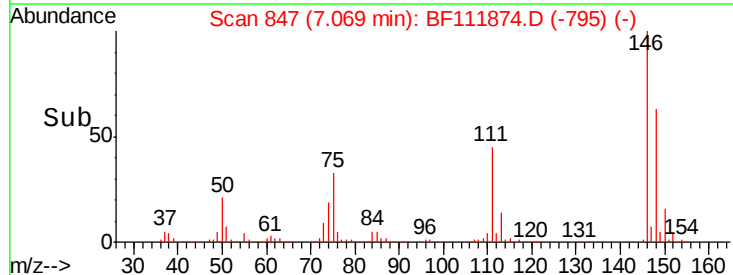
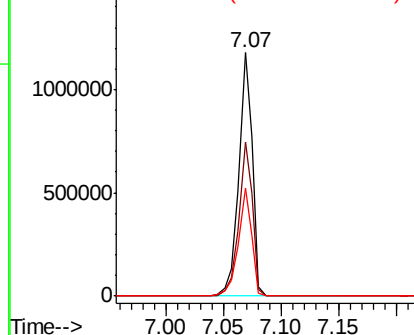


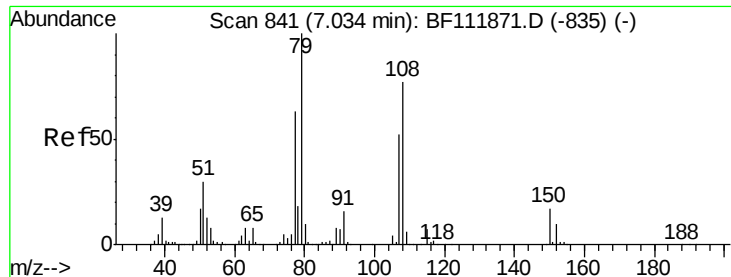
#14
 1,2-Dichlorobenzene
 Concen: 70.023 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.01 min
 Lab File: BF111874.D
 Acq: 7 Jan 2019 13:10

Tgt Ion:146 Resp: 949774
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.5 77.3
 111 44.6 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 70.793 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampled :

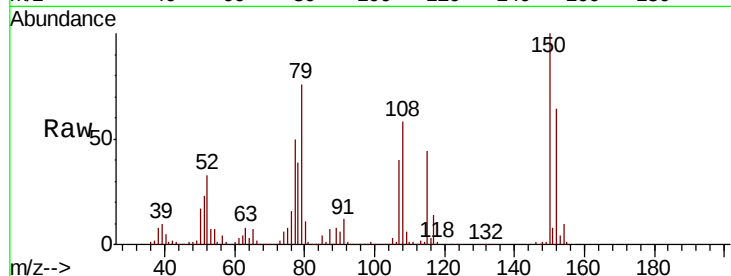
Tot Ion: 79 Resp: 798981

Ion Ratio Lower Upper

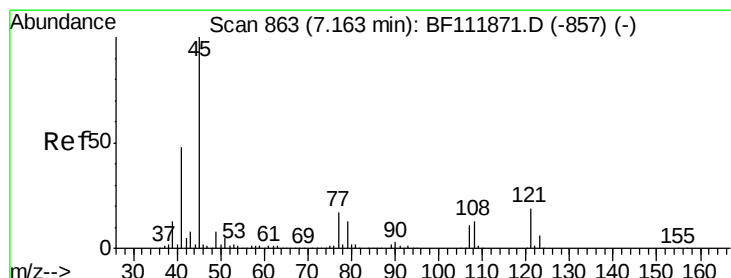
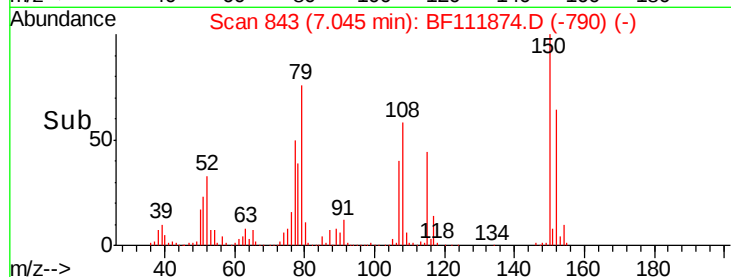
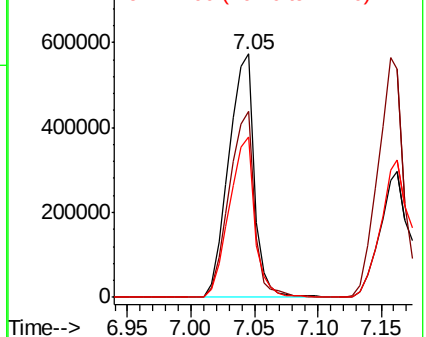
79 100

108 76.7 61.4 92.0

77 65.7 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.428 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

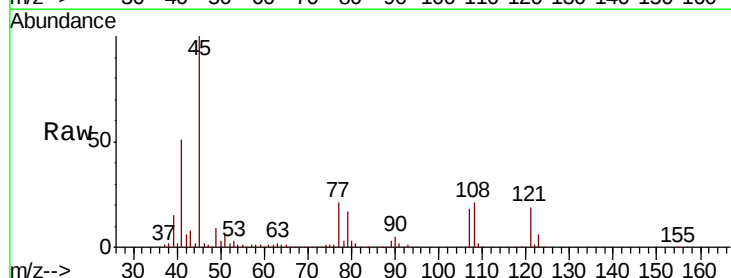
Tgt Ion: 45 Resp: 1403597

Ion Ratio Lower Upper

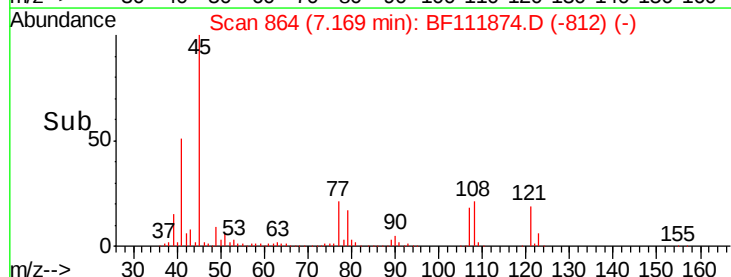
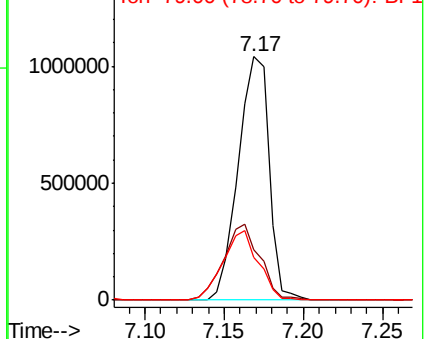
45 100

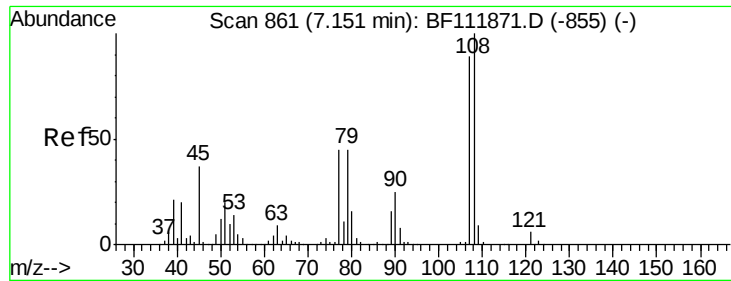
77 20.7 0.0 37.1

79 17.4 0.0 33.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

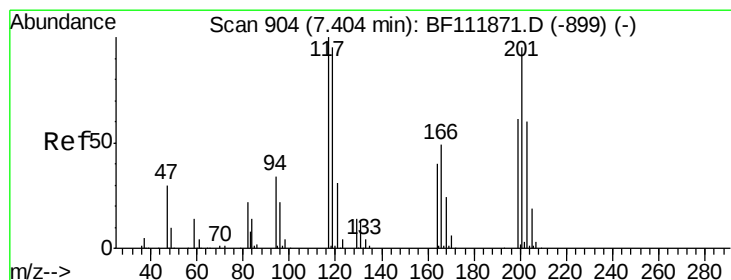
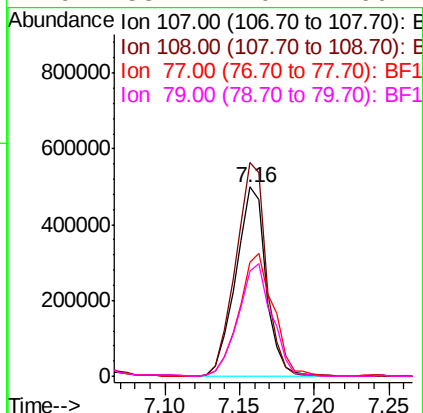
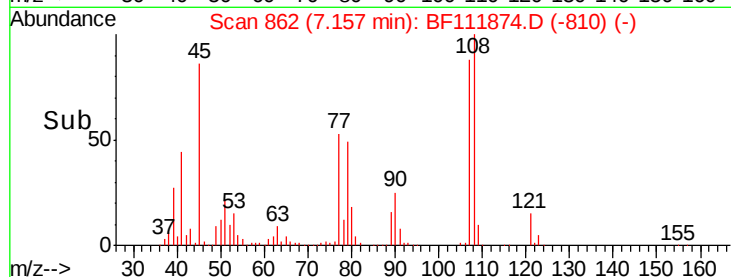
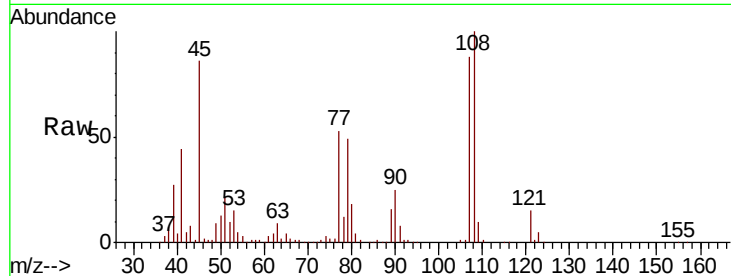




#17
2-Methylphenol
Concen: 70.799 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

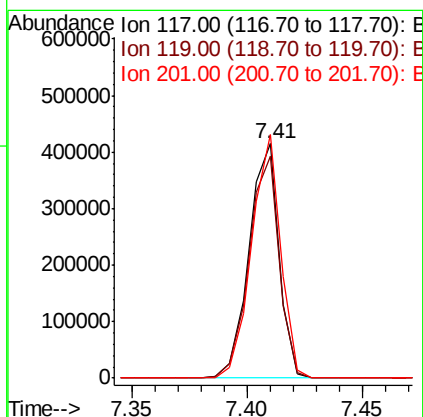
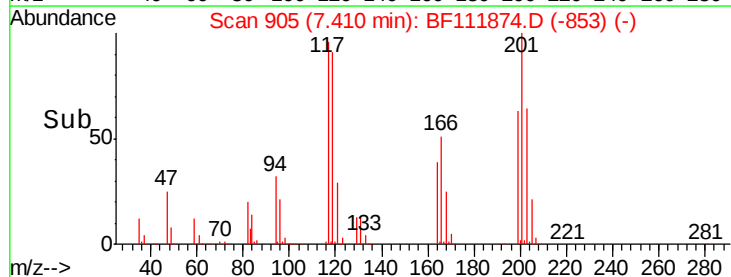
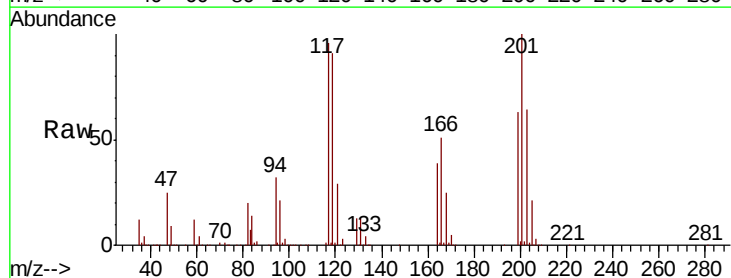
Instrument :
BNA_F
ClientSampled :

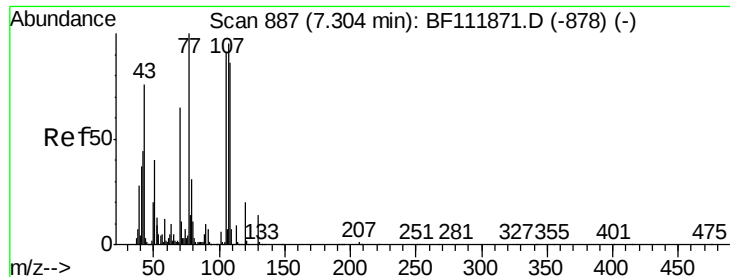
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.7	134.5
77	60.2	40.6	60.8
79	55.4	40.2	60.2



#18
Hexachloroethane
Concen: 76.828 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.2	114.2
201	103.8	75.7	113.5

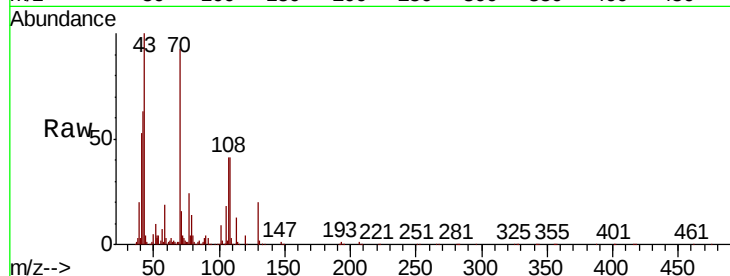




#19
n-Nitroso-di-n-propylamine
Concen: 71.023 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.02 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.4	53.6	80.4
101	9.3	7.3	10.9
130	21.3	16.8	25.2



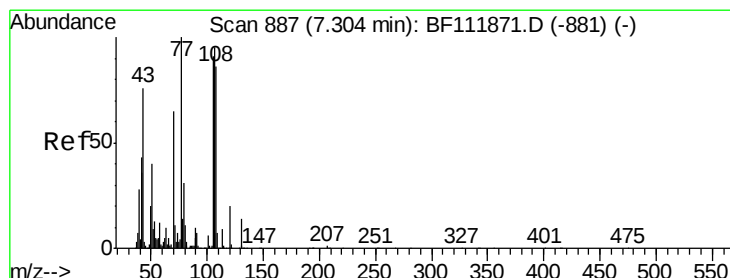
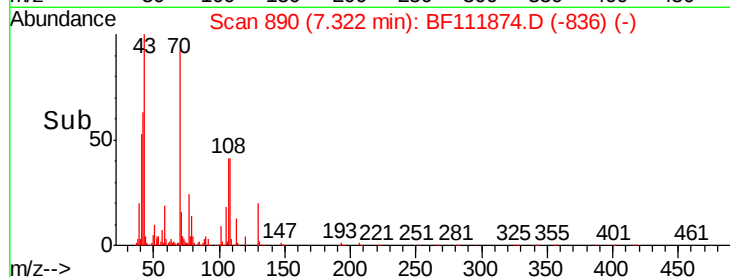
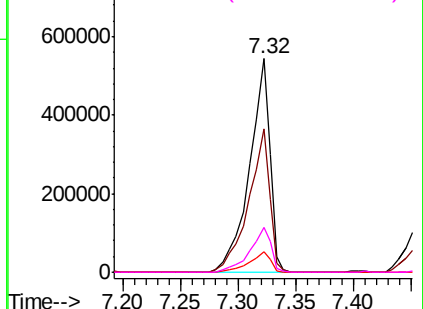
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 66.544 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.4	71.1	111.1
77	88.4	85.4	125.4
79	35.1	12.4	52.4

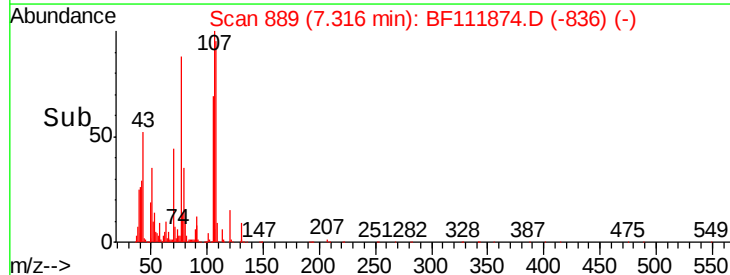
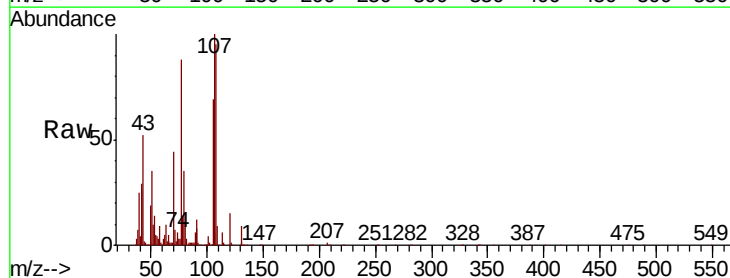
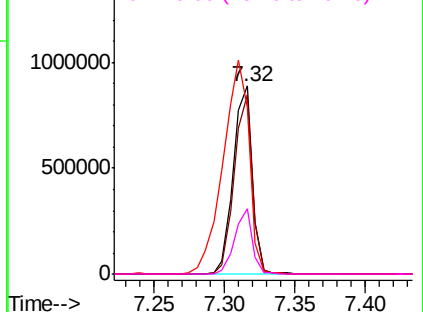
Abundance

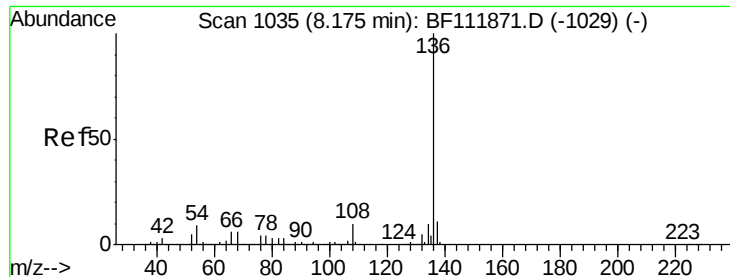
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 680146

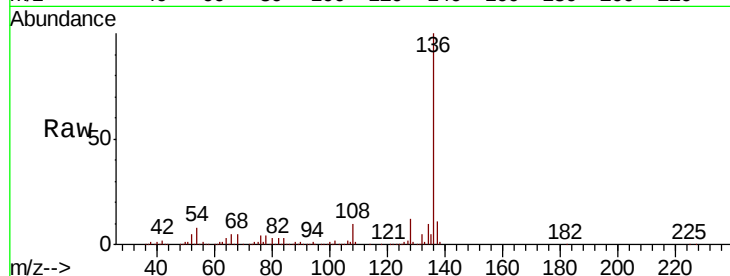
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.3 7.2 10.8

68 4.9 4.4 6.6

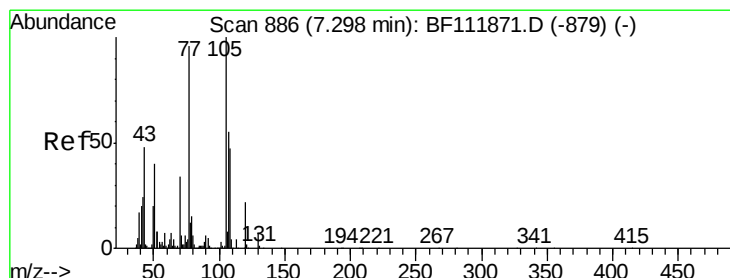
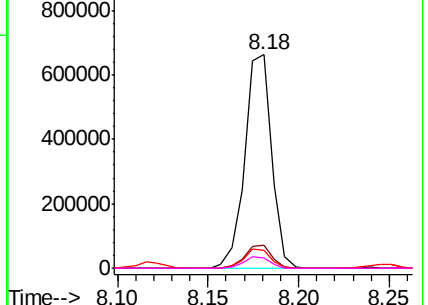
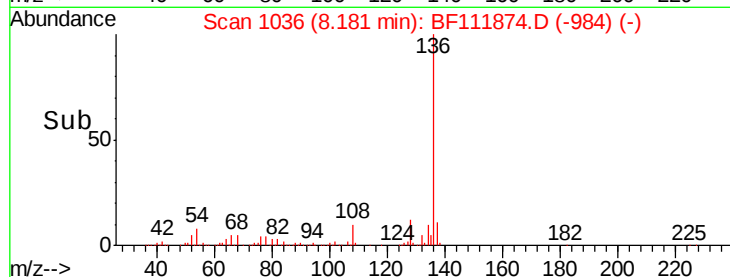


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 73.656 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Tgt Ion:105 Resp: 1269153

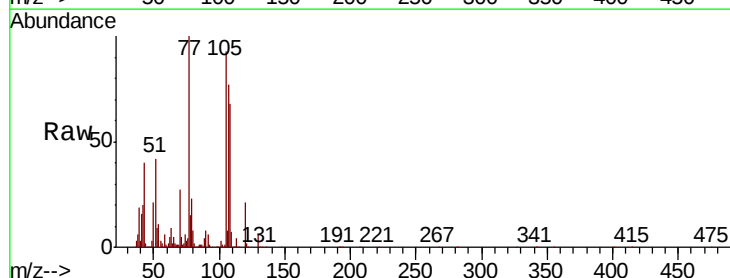
Ion Ratio Lower Upper

105 100

71 5.0 4.6 6.8

51 44.9 32.2 48.2

120 22.3 17.5 26.3

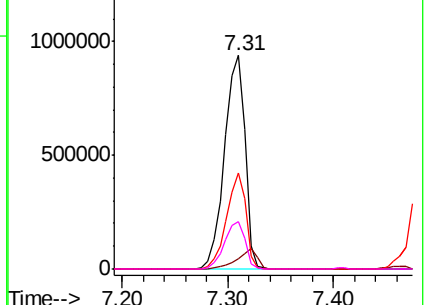
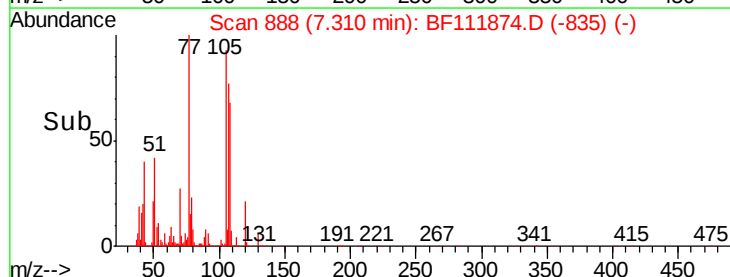


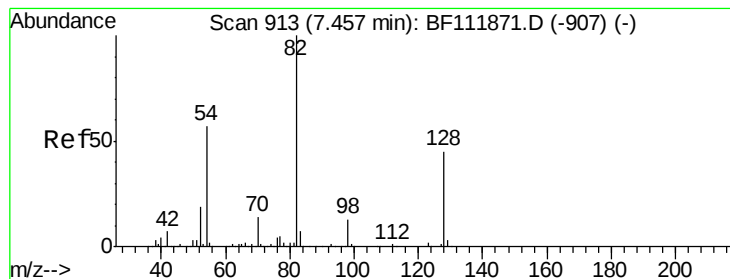
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 166.534 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

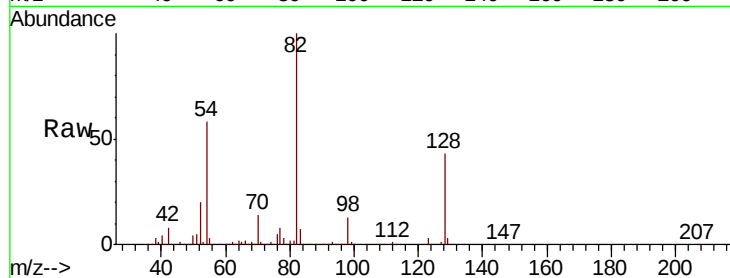
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1945923

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	57.6	45.8	68.8

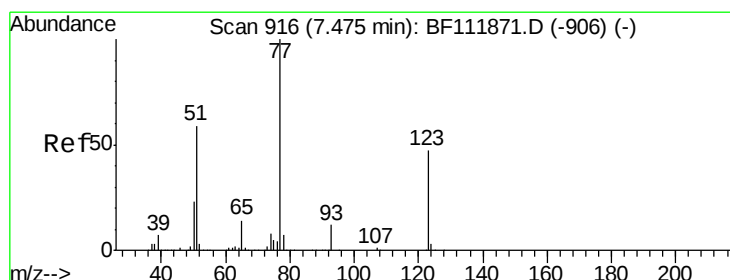
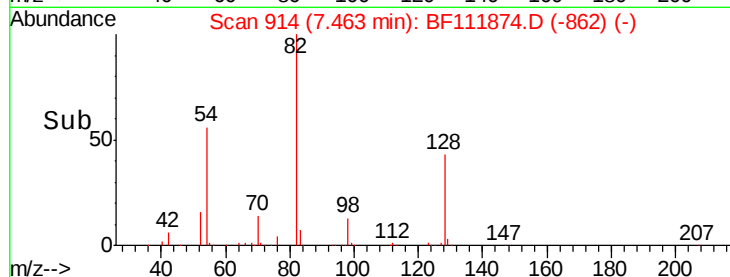
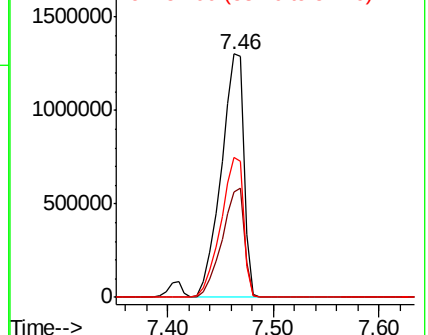


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 81.247 ng

RT: 7.48 min Scan# 917

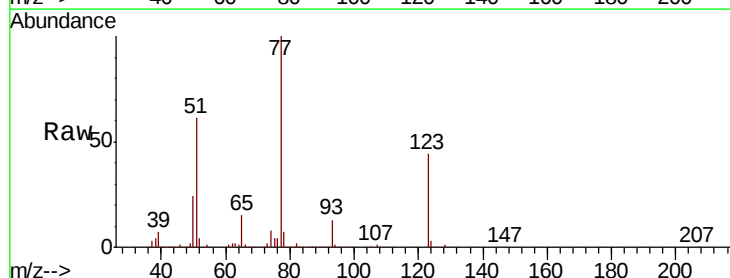
Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Tgt Ion: 77 Resp: 995005

Ion	Ratio	Lower	Upper
77	100		
123	43.9	38.1	57.1
65	14.5	11.0	16.4

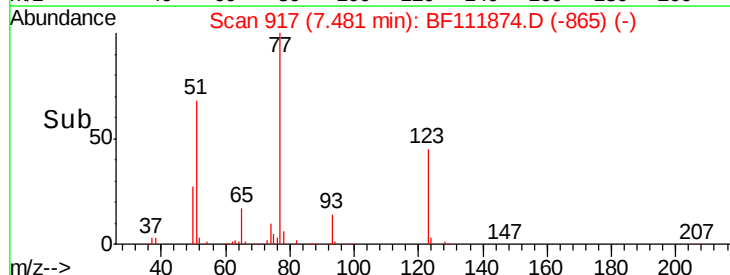
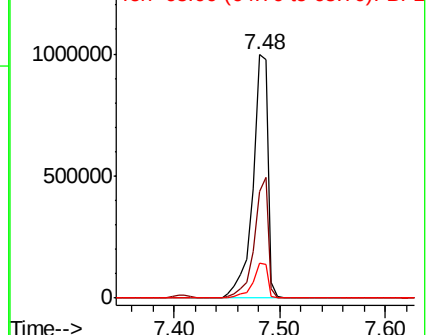


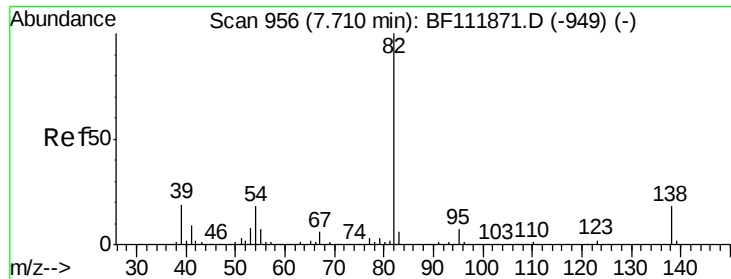
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 77.503 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampleId :

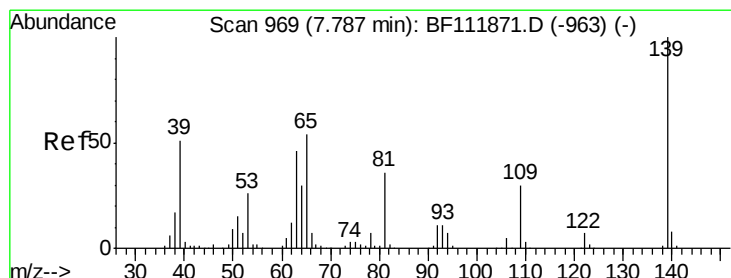
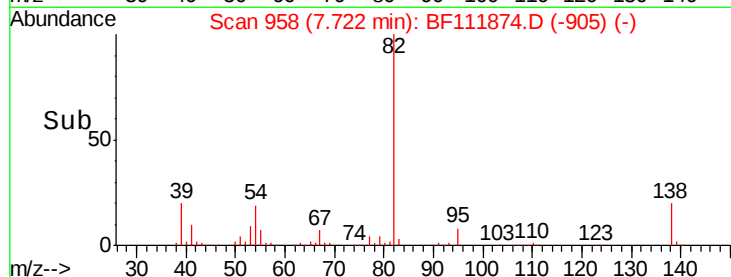
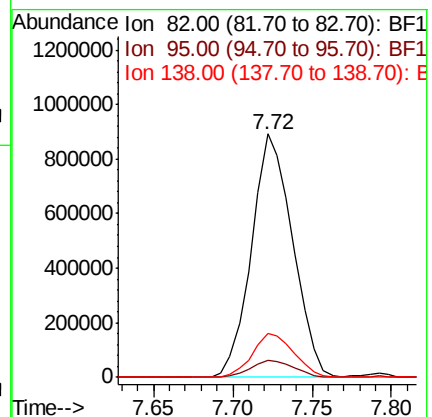
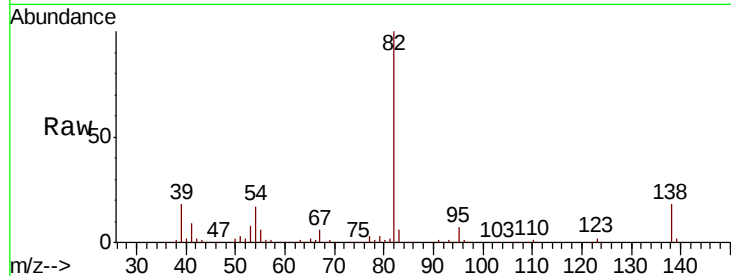
Tot Ion: 82 Resp: 1607716

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 17.8 14.4 21.6



#26

2-Nitrophenol

Concen: 101.248 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

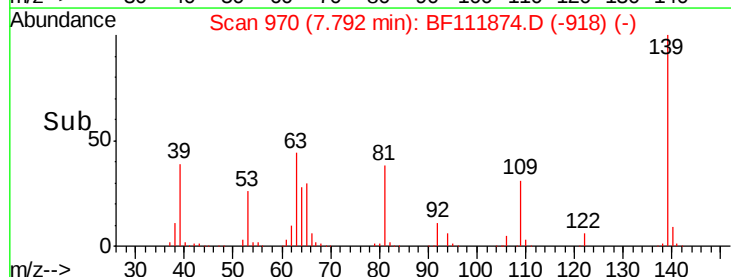
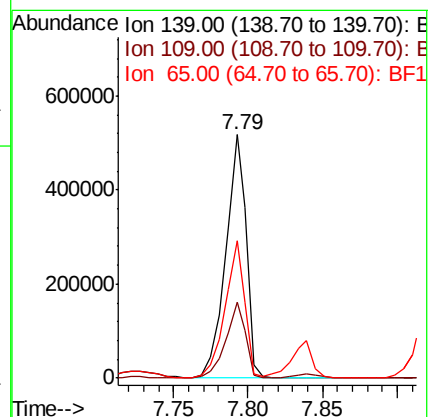
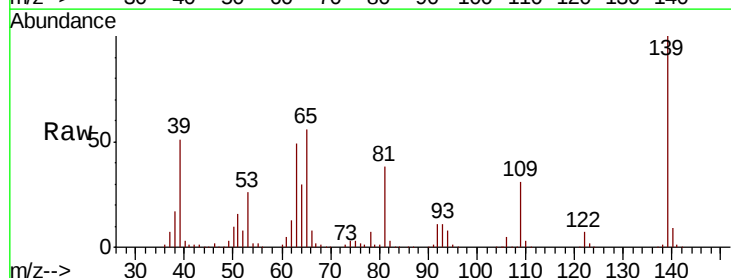
Tgt Ion: 139 Resp: 502883

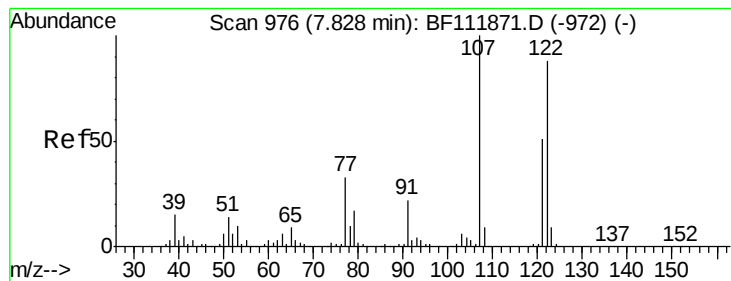
Ion Ratio Lower Upper

139 100

109 31.3 24.1 36.1

65 56.2 43.6 65.4





#27

2,4-Dimethylphenol

Concen: 70.434 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampled :

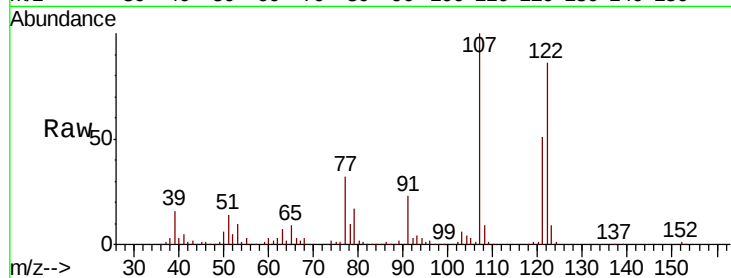
Tot Ion:122 Resp: 689621

Ion Ratio Lower Upper

122 100

107 116.1 91.0 136.6

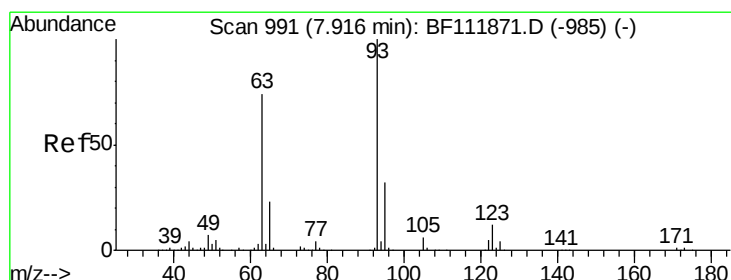
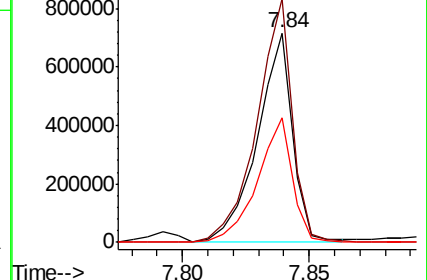
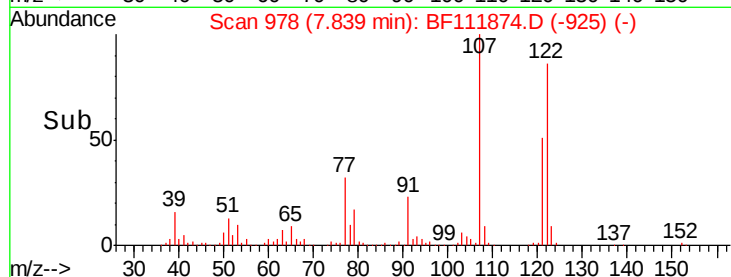
121 59.6 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 75.229 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

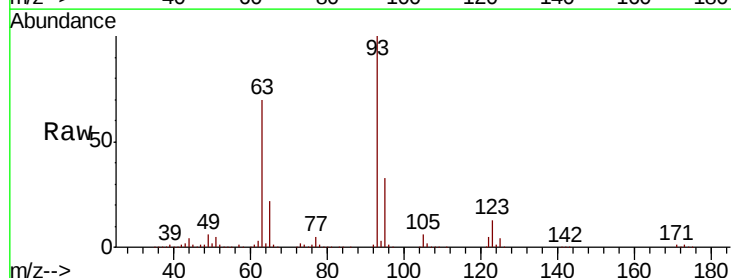
Tgt Ion: 93 Resp: 1038451

Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.6

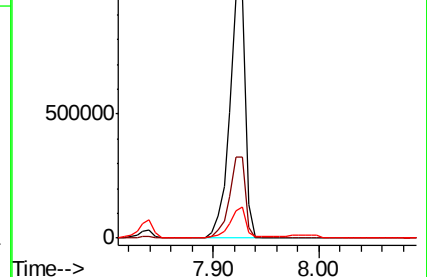
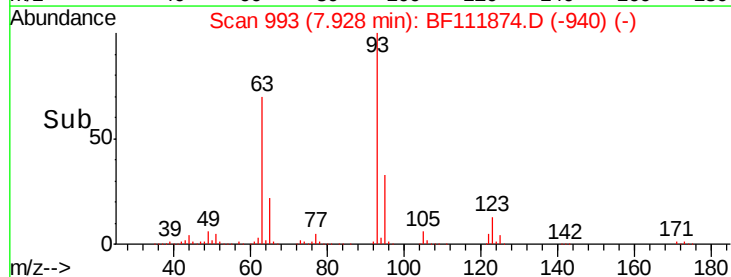
123 12.5 9.5 14.3

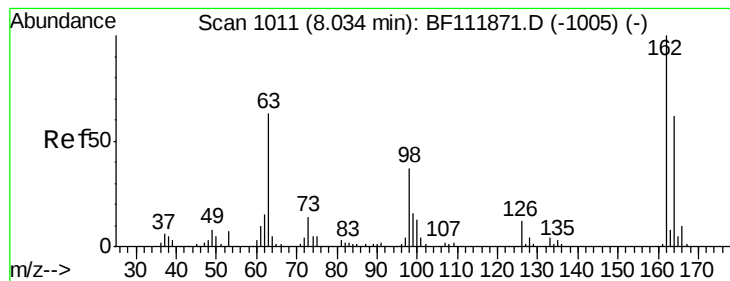


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 75.526 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampled :

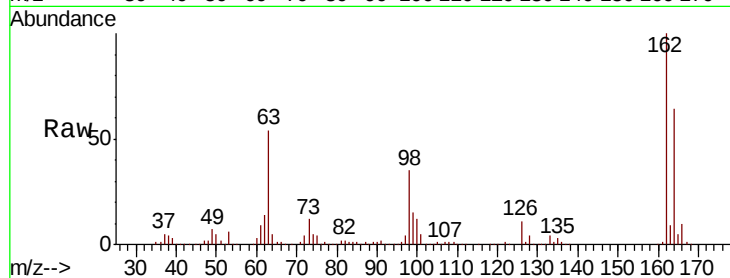
Tot Ion:162 Resp: 795383

Ion Ratio Lower Upper

162 100

164 64.5 42.1 82.1

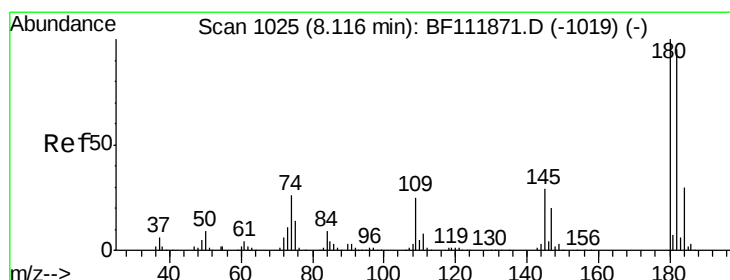
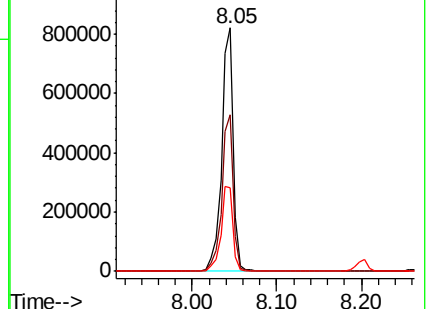
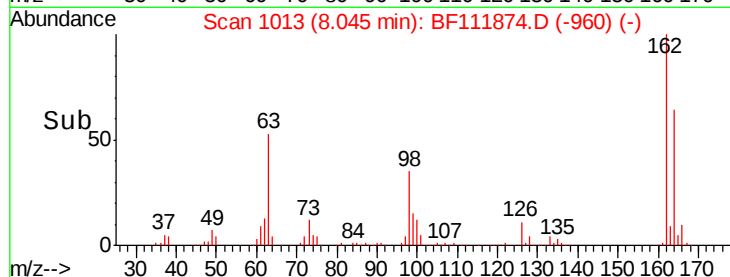
98 34.6 17.2 57.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 75.808 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

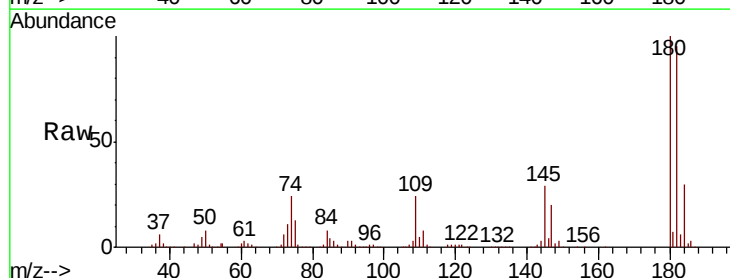
Tgt Ion:180 Resp: 889642

Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.4

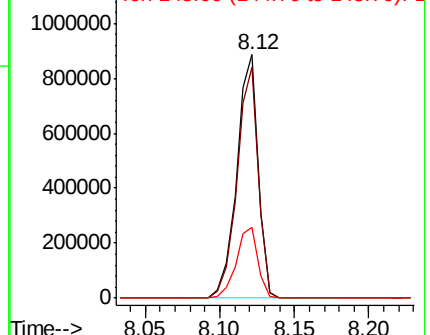
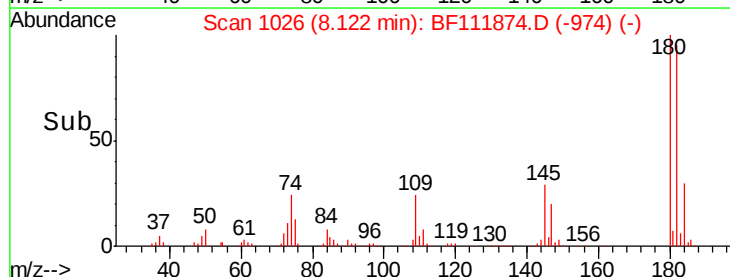
145 29.0 23.4 35.2

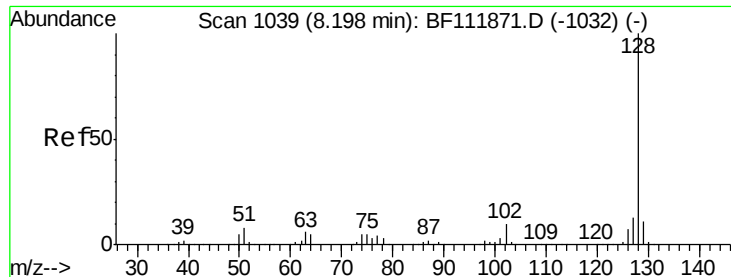


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

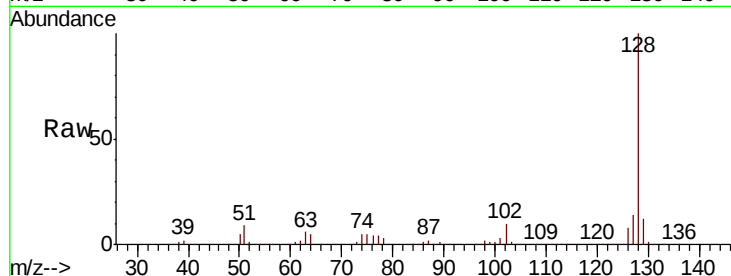




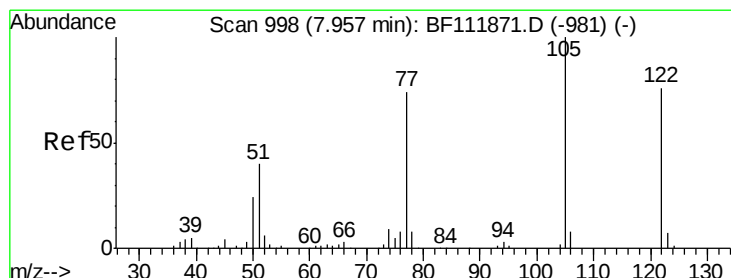
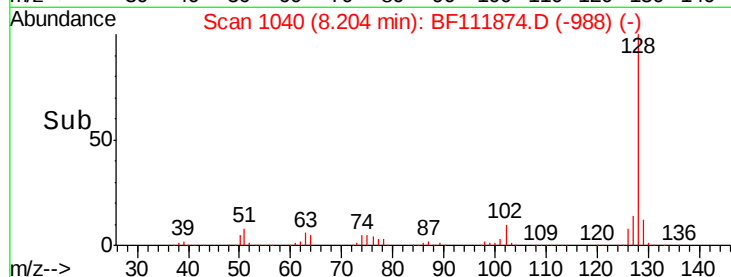
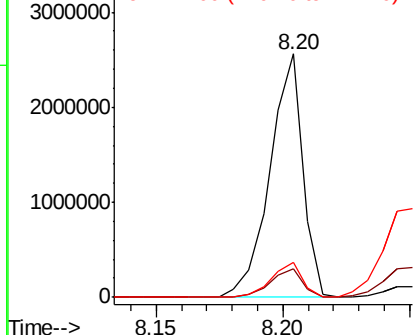
#31
Naphthalene
Concen: 71.682 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2342573
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 14.3 10.7 16.1

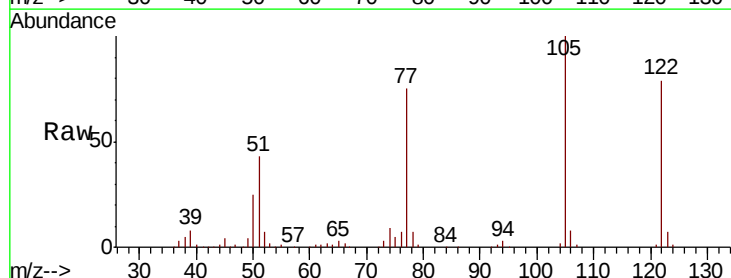


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

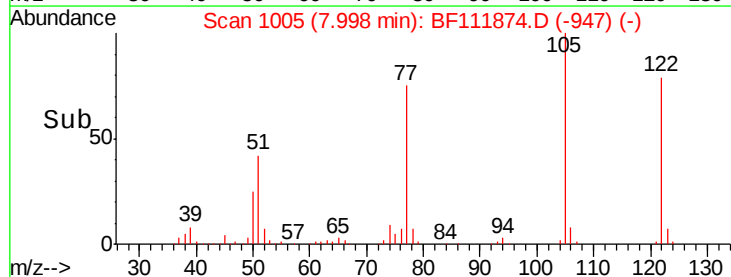
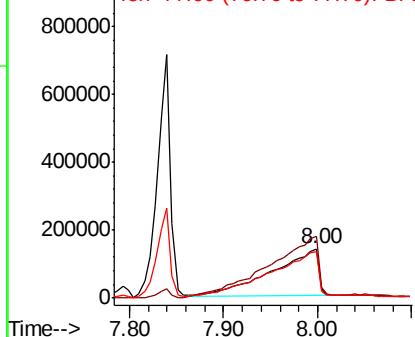


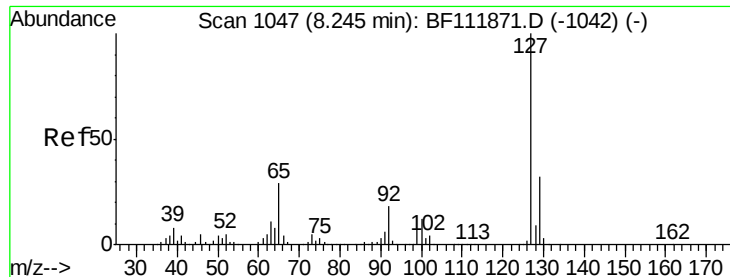
#32
Benzoic acid
Concen: 75.222 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.04 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:122 Resp: 486964
Ion Ratio Lower Upper
122 100
105 126.2 107.9 147.9
77 94.9 76.6 116.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

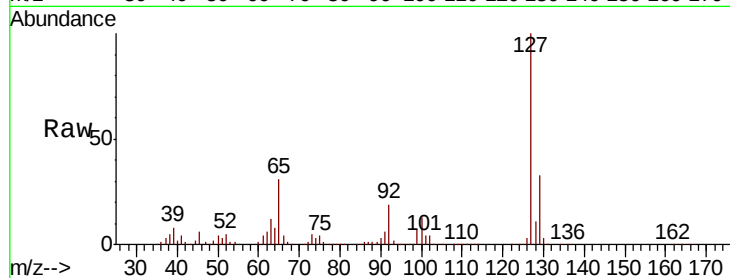




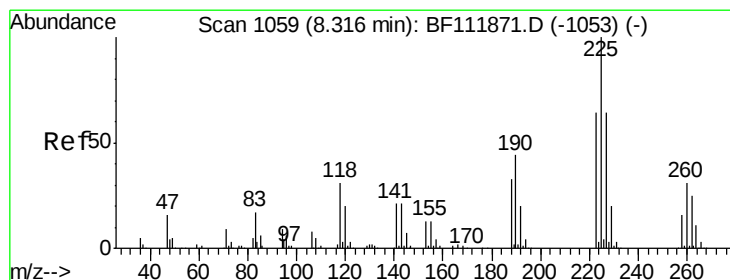
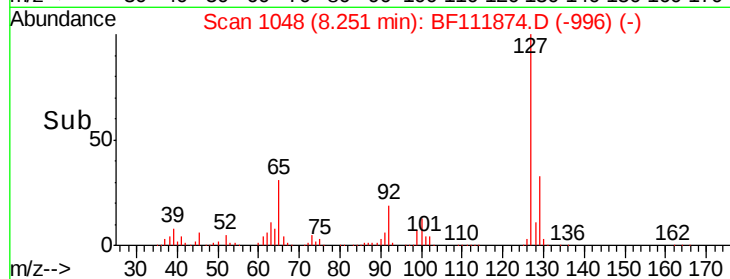
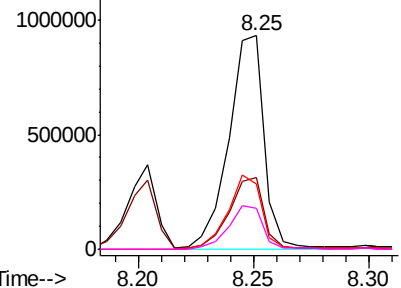
#33
4-Chloroaniline
Concen: 71.287 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1006933
Ion Ratio Lower Upper
127 100
129 33.3 25.8 38.6
65 30.9 23.5 35.3
92 19.1 14.2 21.2

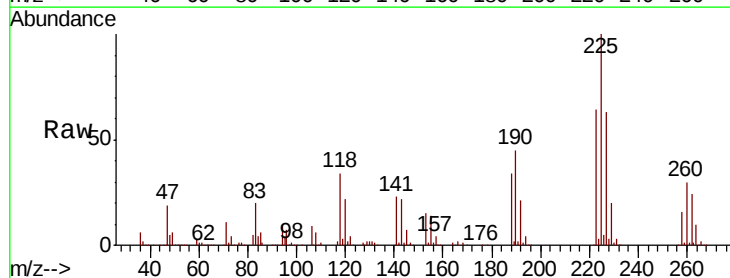


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

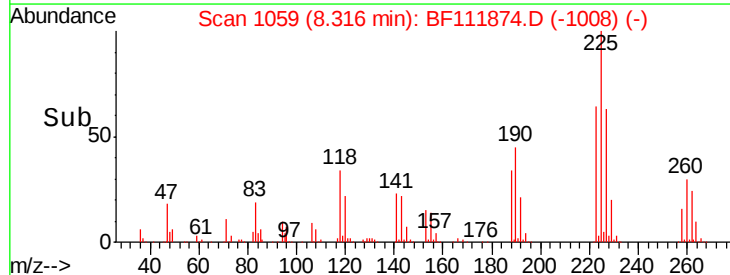
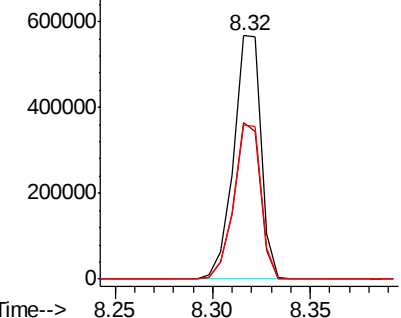


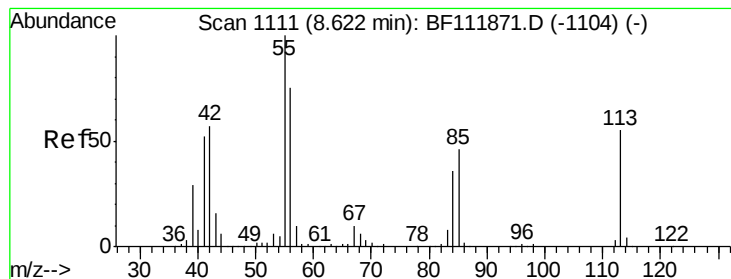
#34
Hexachlorobutadiene
Concen: 76.996 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:225 Resp: 550705
Ion Ratio Lower Upper
225 100
223 64.1 50.9 76.3
227 63.3 51.4 77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 75.992 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.03 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampleId :

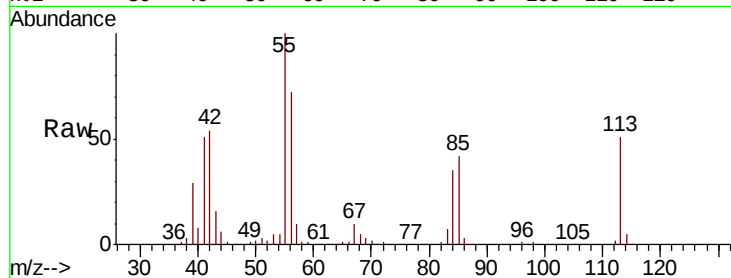
Tot Ion:113 Resp: 271181

Ion Ratio Lower Upper

113 100

55 196.4 162.0 202.0

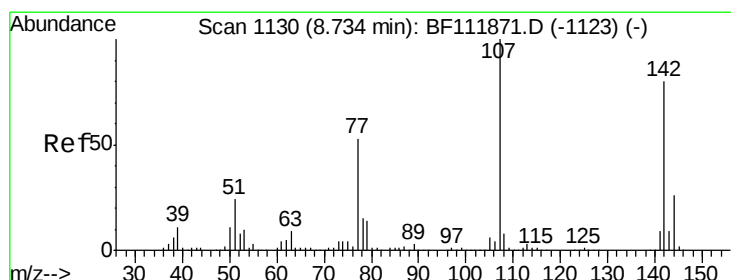
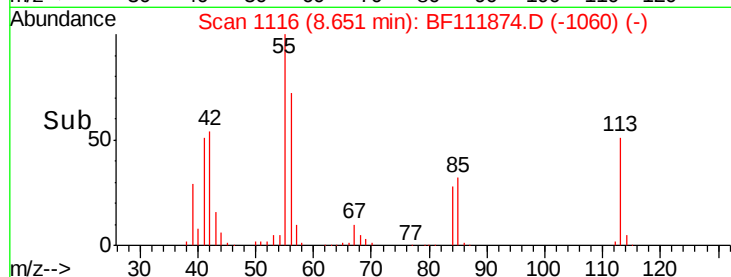
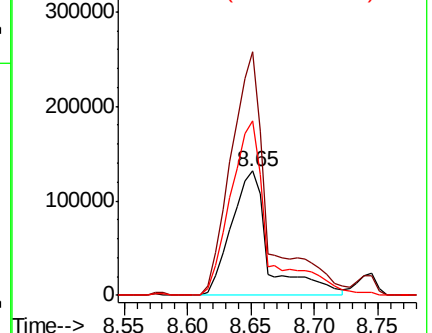
56 140.8 116.0 156.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 77.336 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

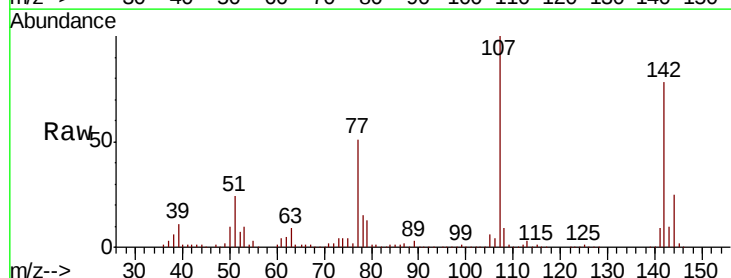
Tgt Ion:107 Resp: 800590

Ion Ratio Lower Upper

107 100

144 24.9 20.7 31.1

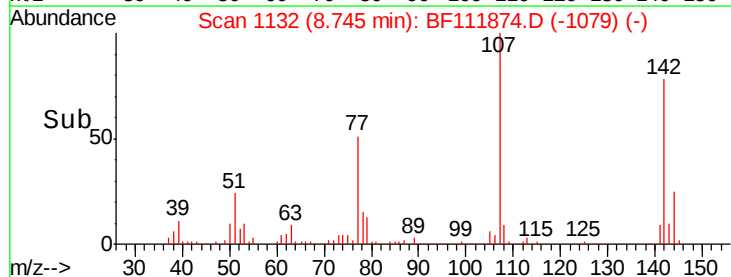
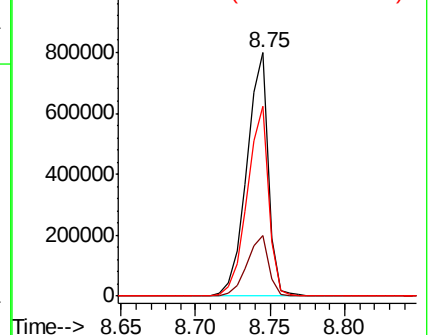
142 77.8 63.9 95.9

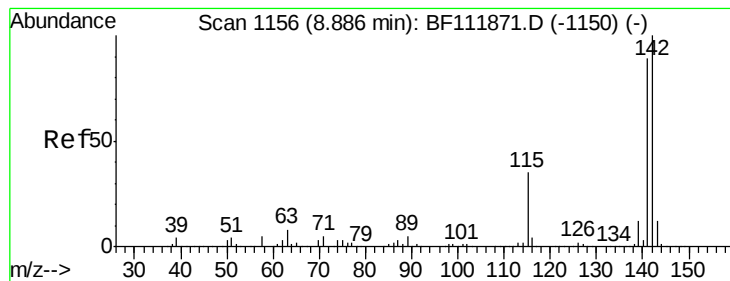


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 73.680 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampleId :

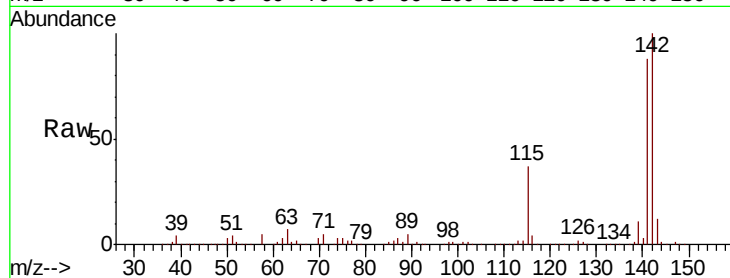
Tot Ion:142 Resp: 1566567

Ion Ratio Lower Upper

142 100

141 88.3 71.4 107.2

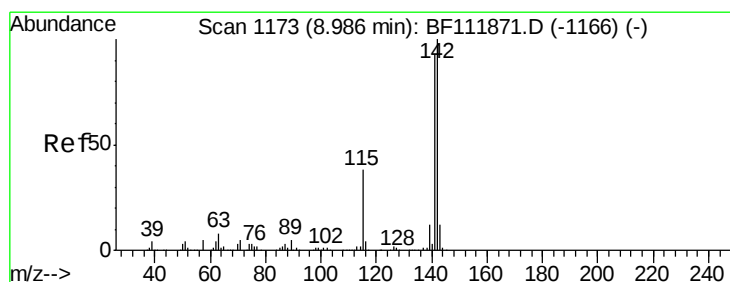
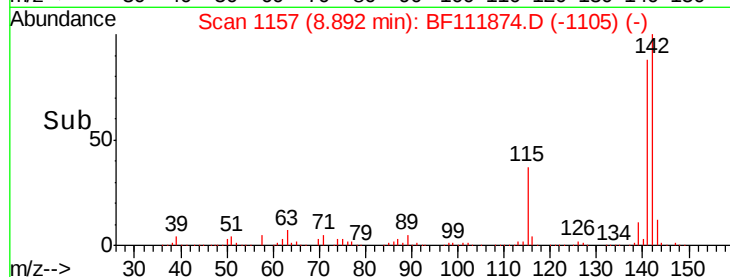
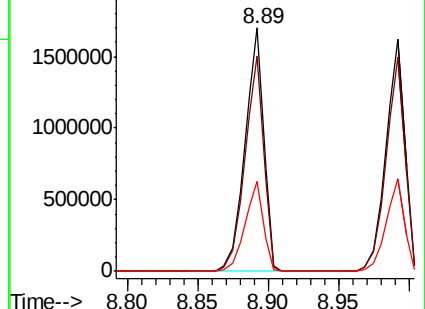
115 36.9 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 73.505 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

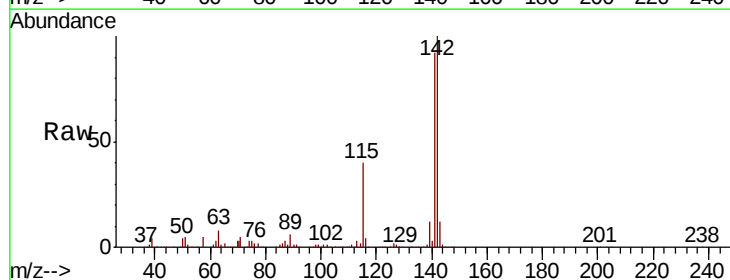
Tgt Ion:142 Resp: 1500975

Ion Ratio Lower Upper

142 100

141 91.9 74.8 112.2

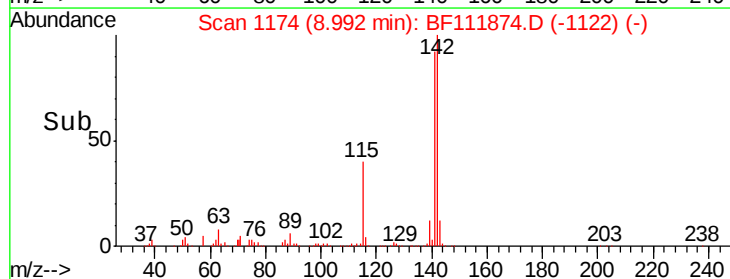
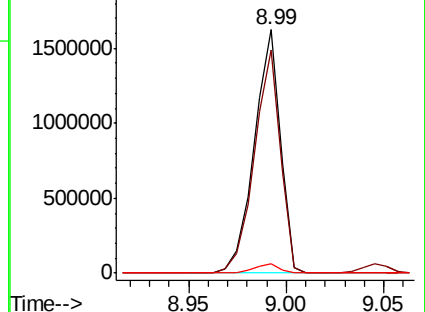
116 4.0 3.1 4.7

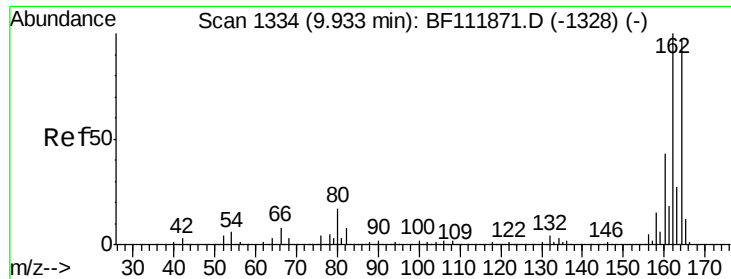


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

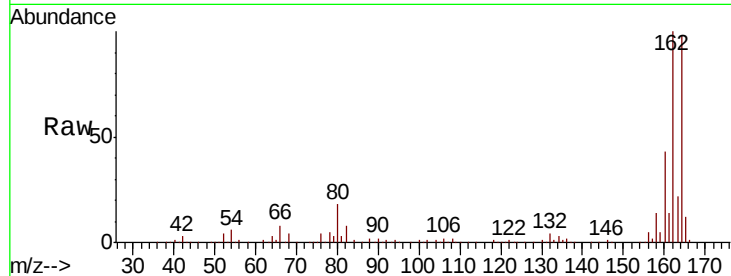




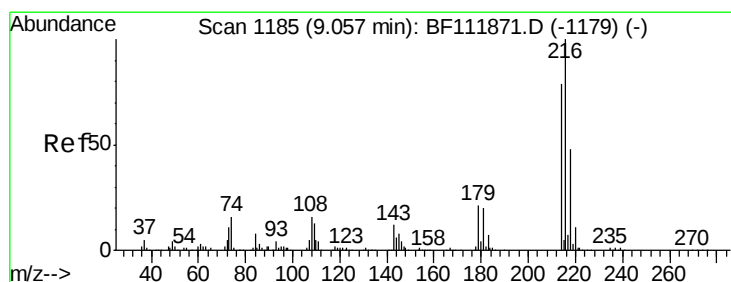
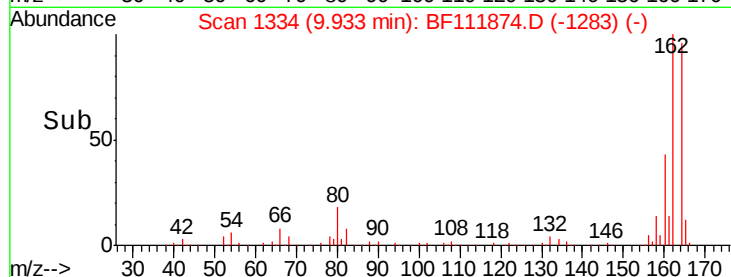
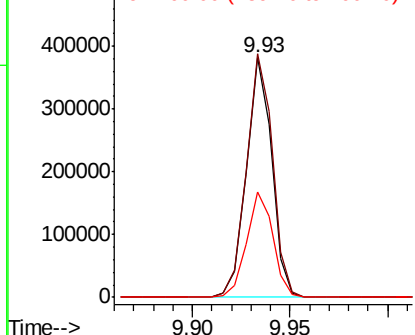
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 342703
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 43.8 35.5 53.3

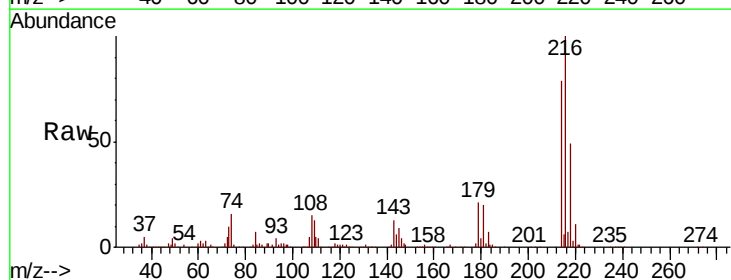


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

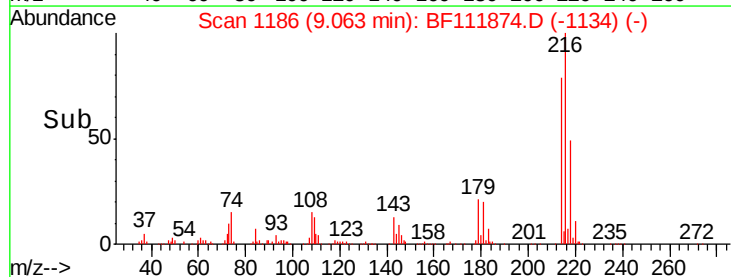
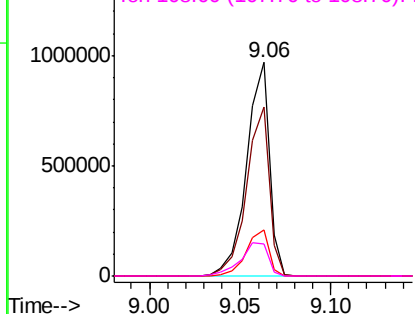


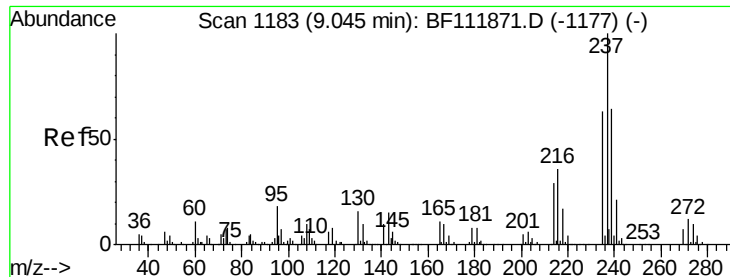
#40
1,2,4,5-Tetrachlorobenzene
Concen: 74.886 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:216 Resp: 843304
Ion Ratio Lower Upper
216 100
214 79.6 63.5 95.3
179 21.6 17.0 25.6
108 18.8 14.6 22.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 98.628 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampleId :

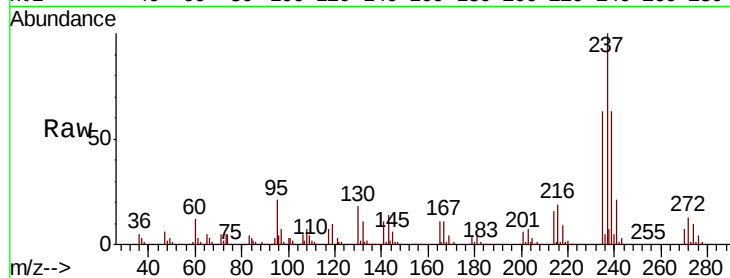
Tot Ion:237 Resp: 538966

Ion Ratio Lower Upper

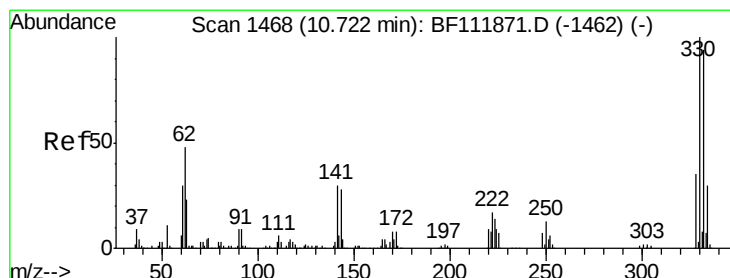
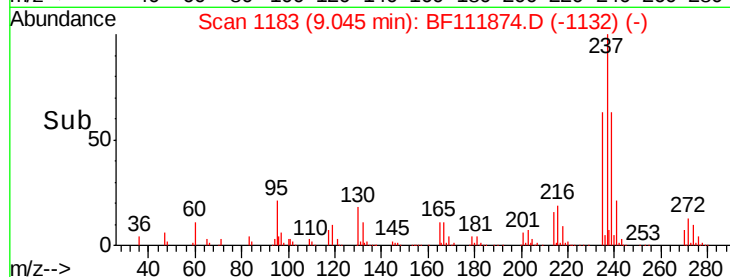
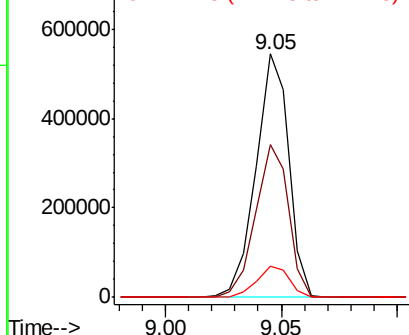
237 100

235 63.0 42.6 82.6

272 12.6 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 159.663 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

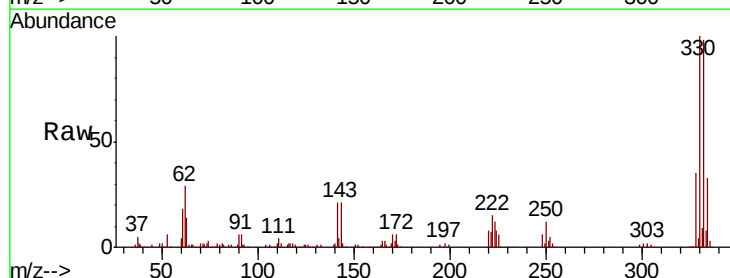
Tgt Ion:330 Resp: 646524

Ion Ratio Lower Upper

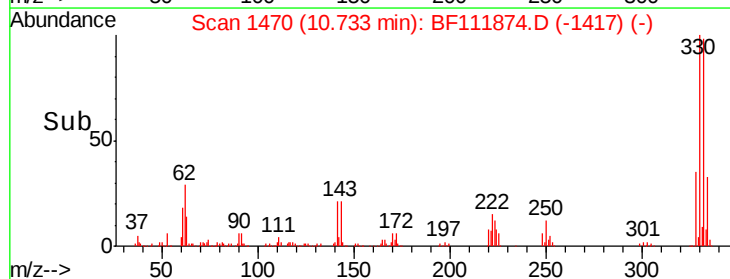
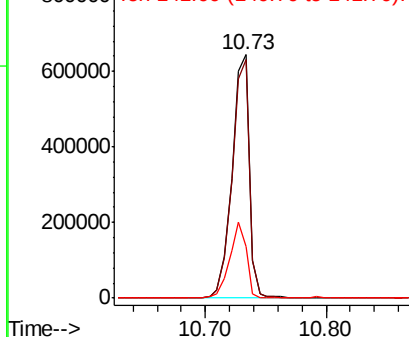
330 100

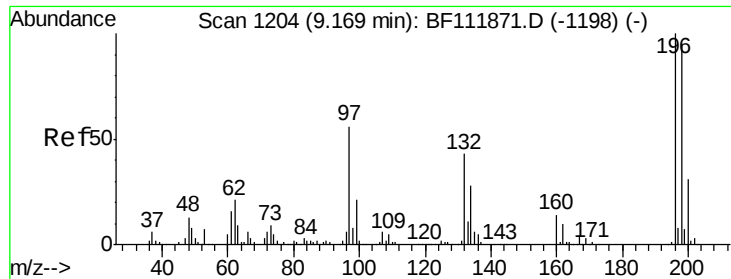
332 98.0 76.9 115.3

141 30.1 23.7 35.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

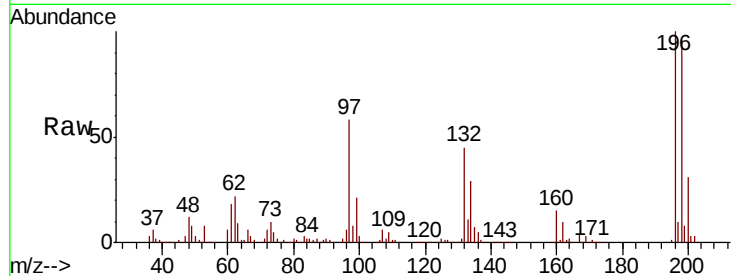




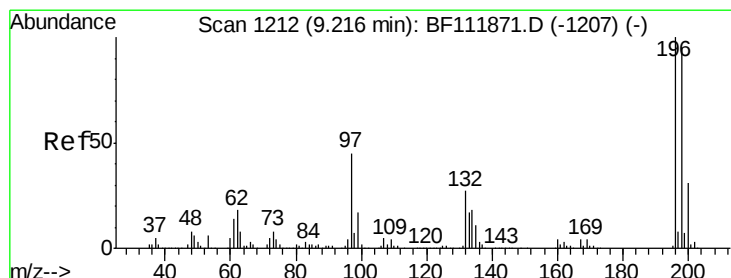
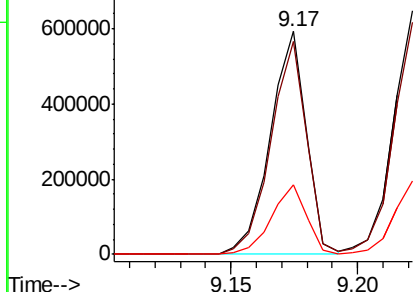
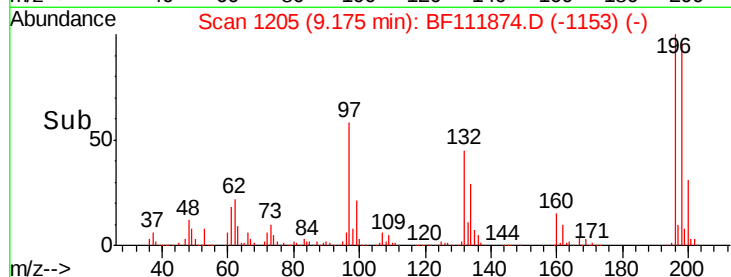
#43
 2,4,6-Trichlorophenol
 Concen: 77.463 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF111874.D
 Acq: 7 Jan 2019 13:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 582408
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.8 113.8
 200 31.2 24.5 36.7

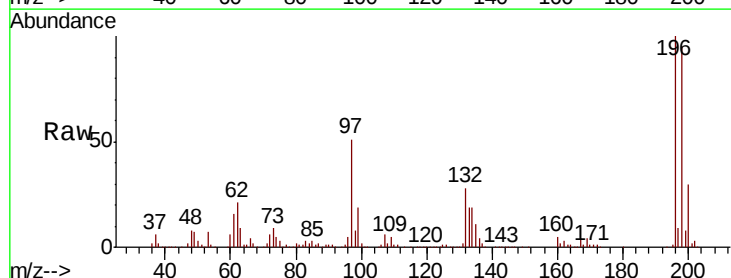


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

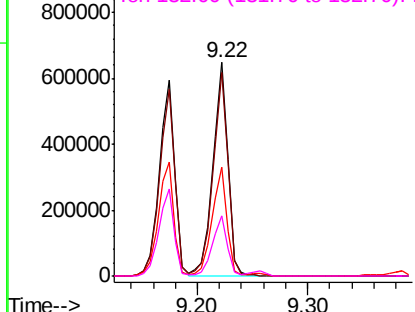
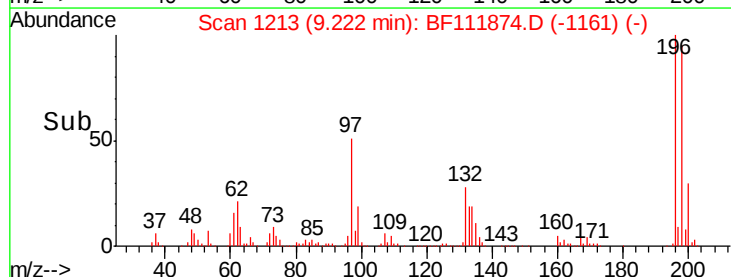


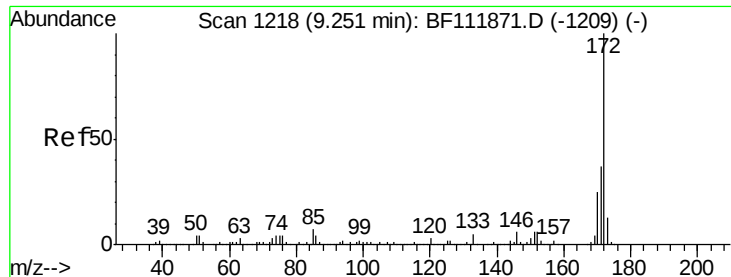
#44
 2,4,5-Trichlorophenol
 Concen: 77.837 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF111874.D
 Acq: 7 Jan 2019 13:10

Tgt Ion:196 Resp: 600375
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.2 114.2
 97 51.1 36.4 54.6
 132 28.3 21.7 32.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

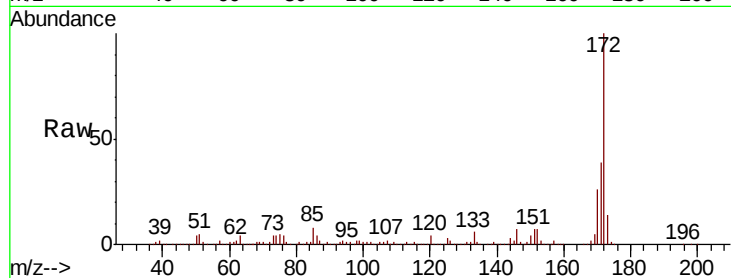




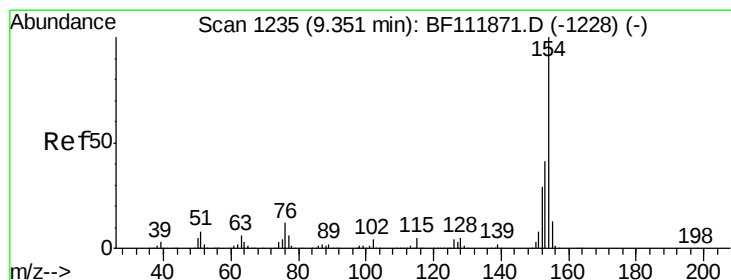
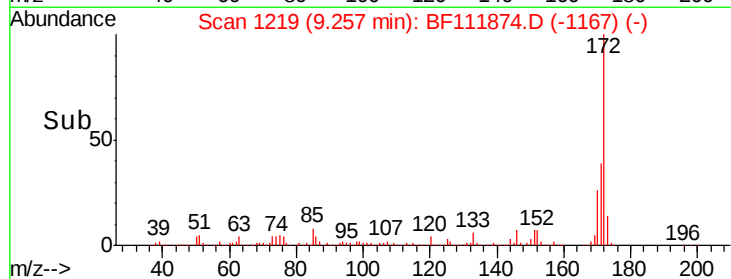
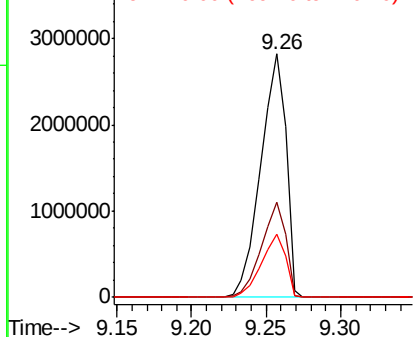
#45
2-Fluorobiphenyl
Concen: 139.266 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3274405
Ion Ratio Lower Upper
172 100
171 39.2 29.6 44.4
170 25.8 19.8 29.8

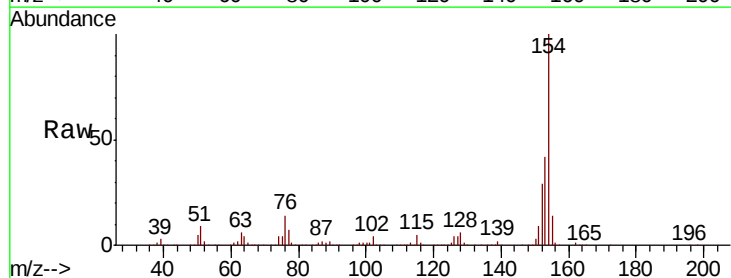


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

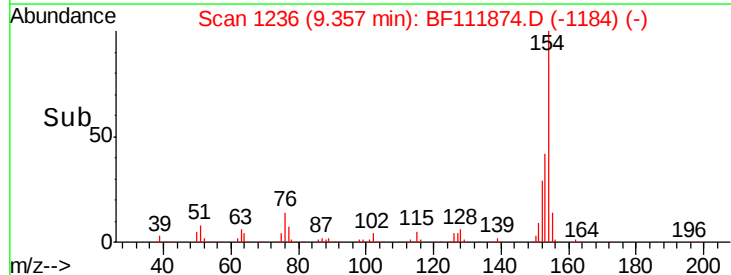
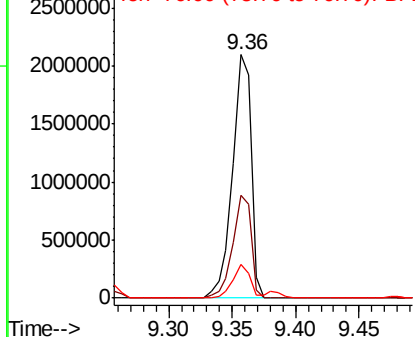


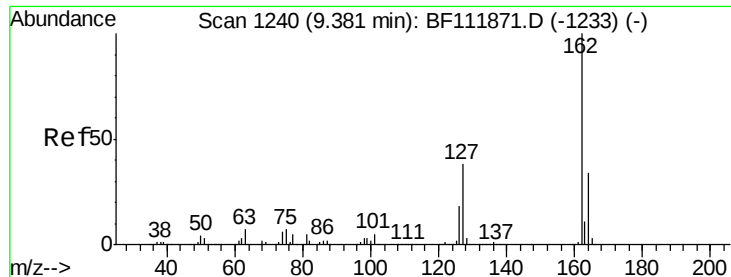
#46
1,1'-Biphenyl
Concen: 72.970 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:154 Resp: 2110960
Ion Ratio Lower Upper
154 100
153 42.2 21.3 61.3
76 13.7 0.0 32.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

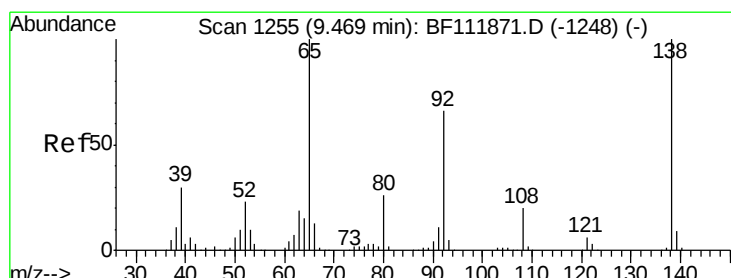
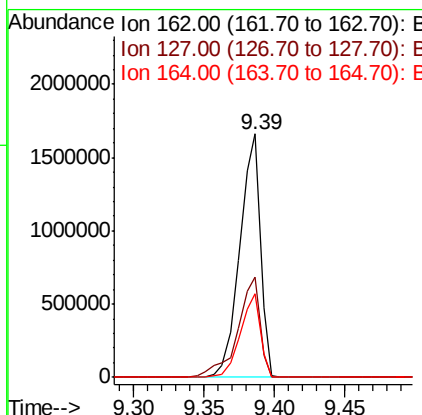
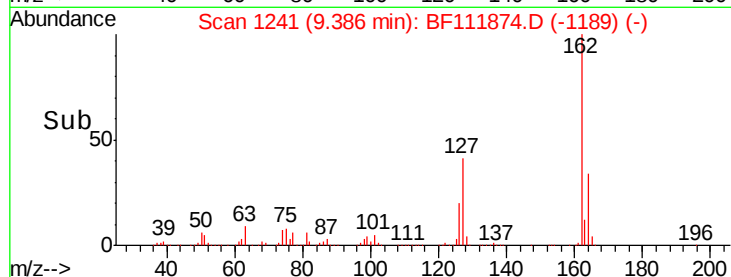
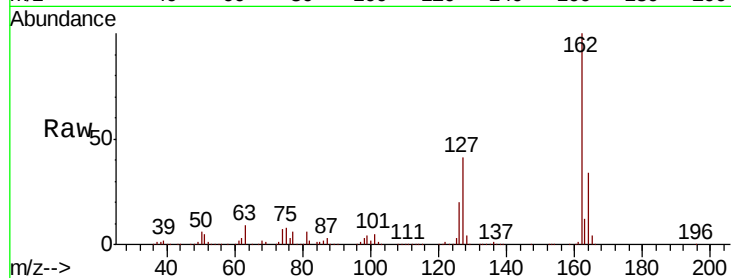




#47
 2-Chloronaphthalene
 Concen: 73.506 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111874.D
 Acq: 7 Jan 2019 13:10

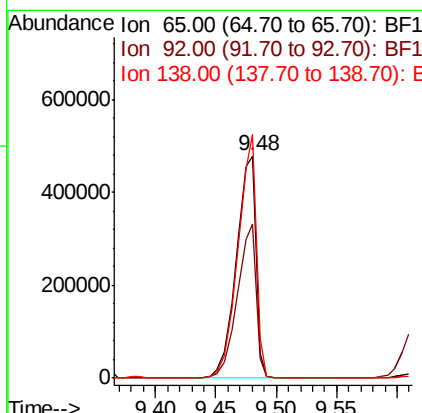
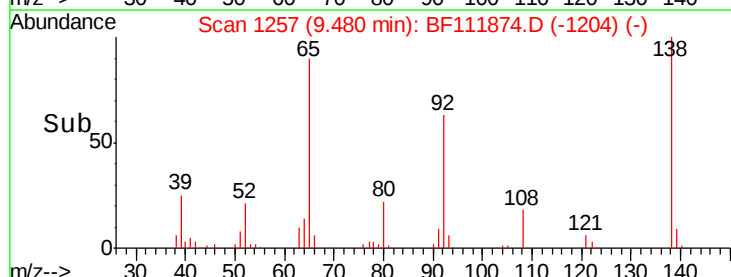
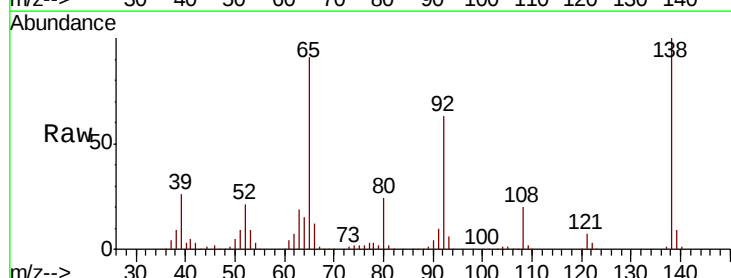
Instrument :
 BNA_F
 ClientSampled :

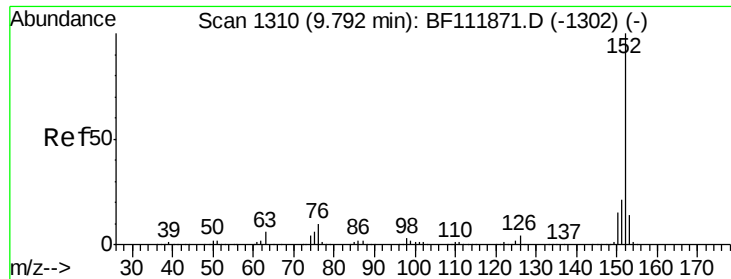
Tot Ion:162 Resp: 1684797
 Ion Ratio Lower Upper
 162 100
 127 41.2 31.2 46.8
 164 34.1 27.0 40.6



#48
 2-Nitroaniline
 Concen: 91.205 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111874.D
 Acq: 7 Jan 2019 13:10

Tgt Ion: 65 Resp: 543831
 Ion Ratio Lower Upper
 65 100
 92 69.6 52.5 78.7
 138 109.7 79.8 119.6





#49

Acenaphthylene

Concen: 72.743 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampleId :

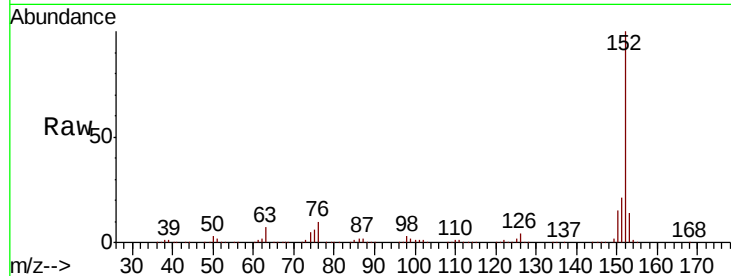
Tot Ion:152 Resp: 2434371

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

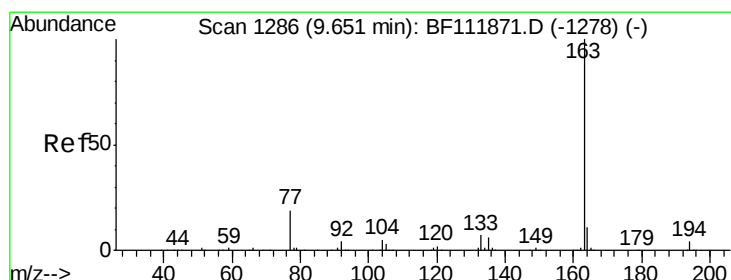
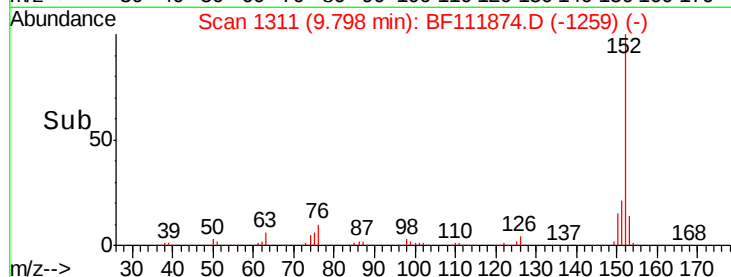
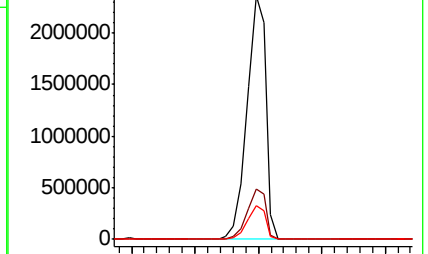
153 13.8 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 78.136 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

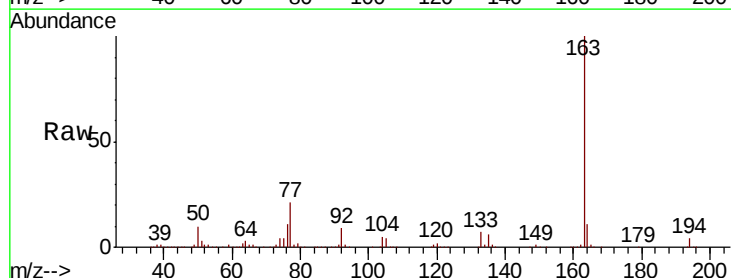
Tgt Ion:163 Resp: 1958159

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

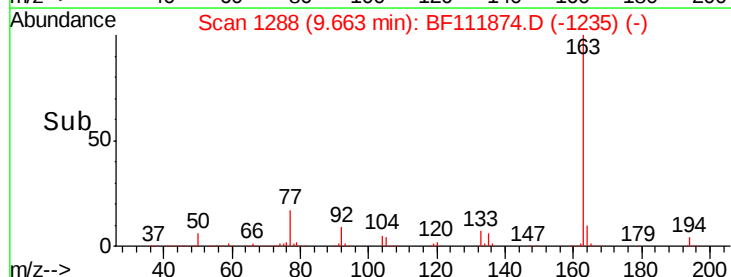
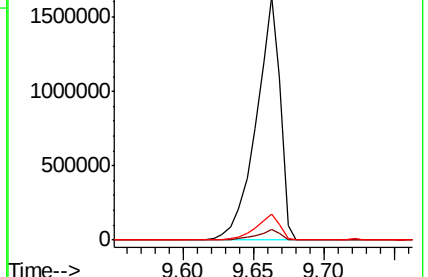
164 10.5 8.5 12.7

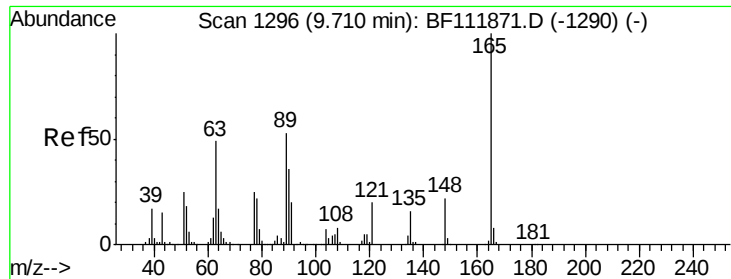


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 88.181 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampled :

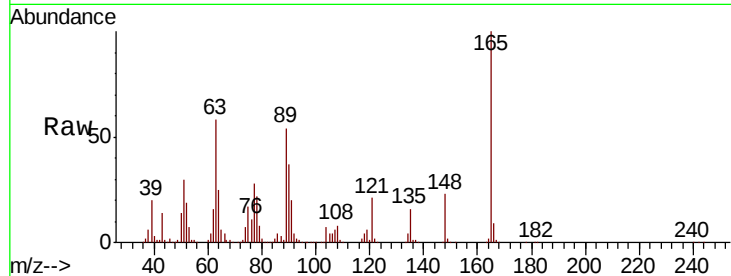
Tot Ion:165 Resp: 440650

Ion Ratio Lower Upper

165 100

63 57.7 46.2 69.2

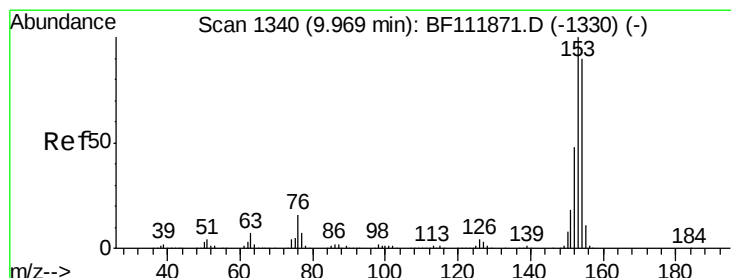
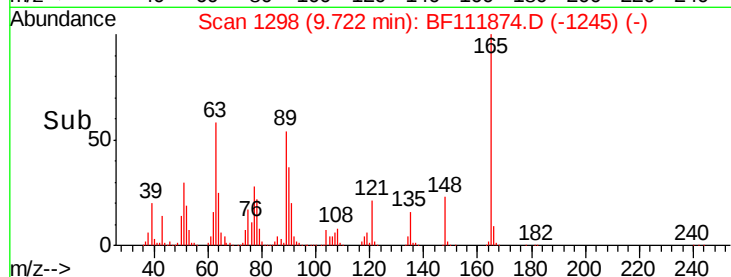
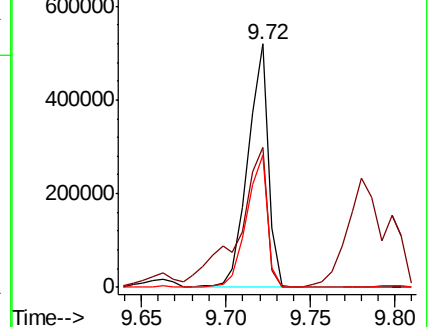
89 54.3 42.2 63.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 77.138 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

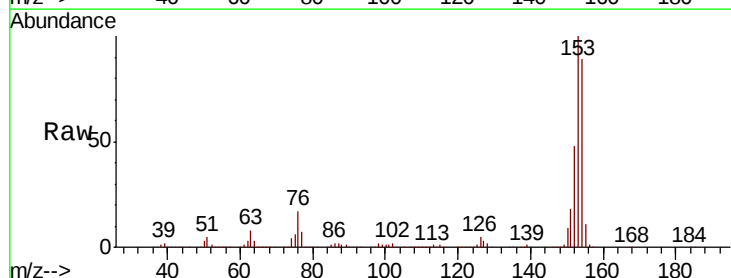
Tgt Ion:154 Resp: 1592124

Ion Ratio Lower Upper

154 100

153 112.5 89.4 134.0

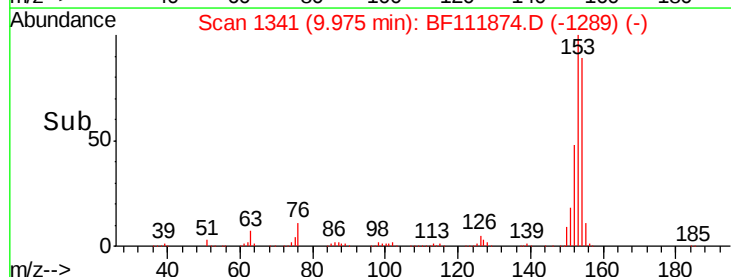
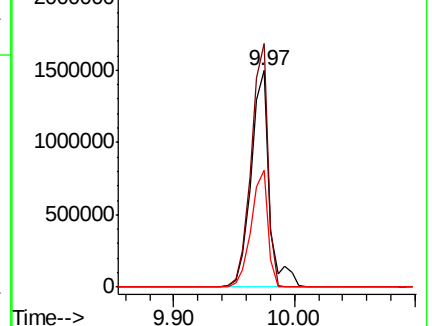
152 54.0 43.1 64.7

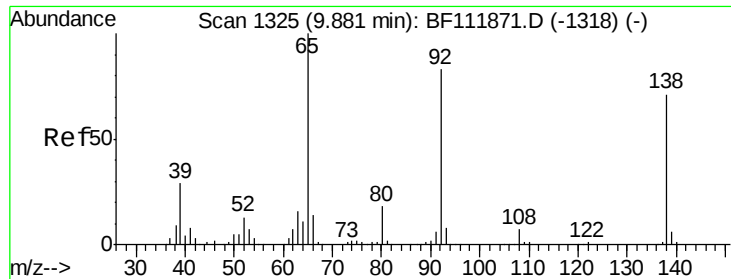


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

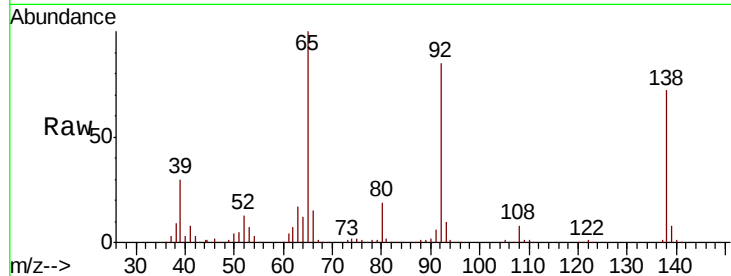




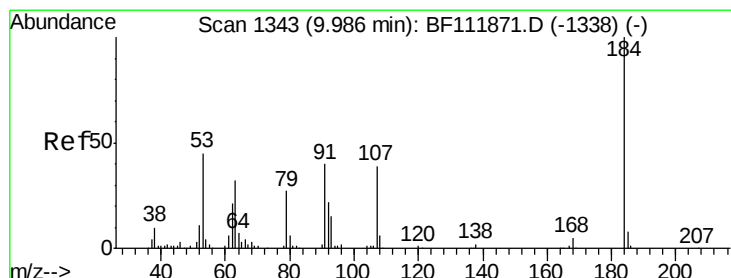
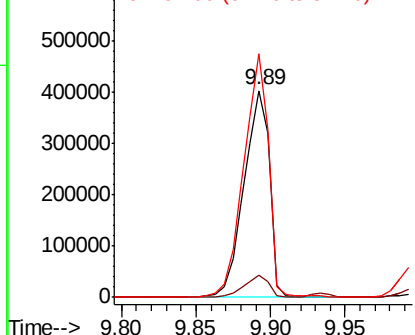
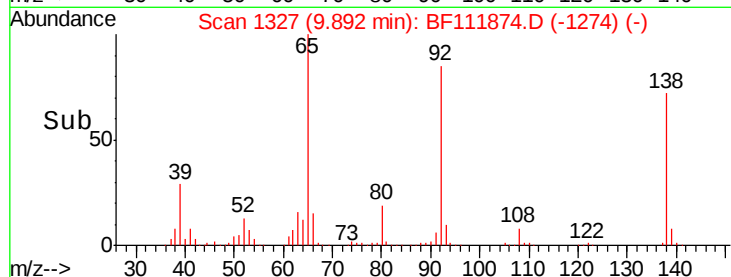
#53
3-Nitroaniline
Concen: 89.312 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 475978
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.4
92 117.8 93.5 140.3

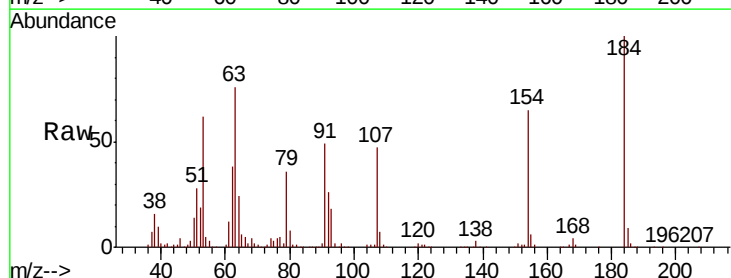


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

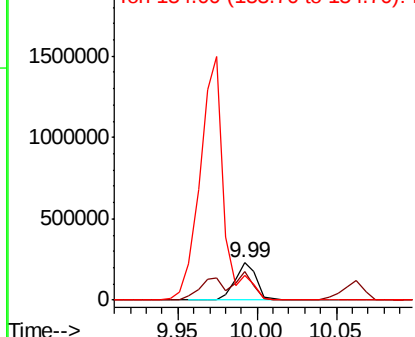
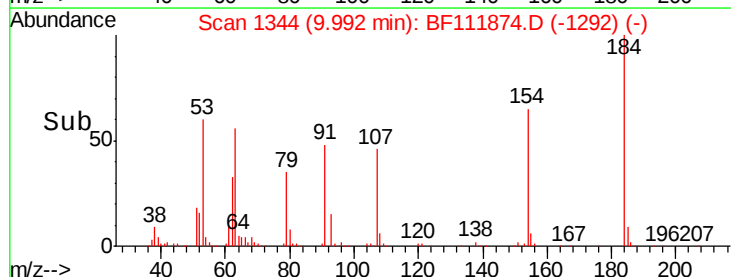


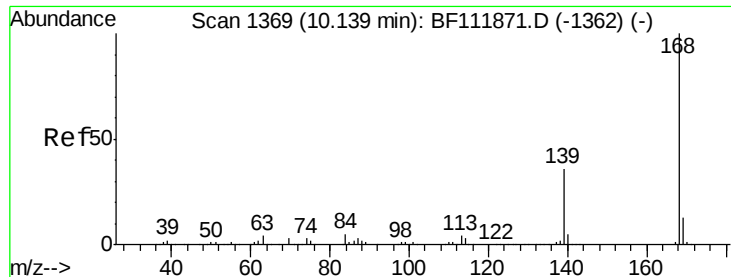
#54
2,4-Dinitrophenol
Concen: 160.143 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:184 Resp: 215951
Ion Ratio Lower Upper
184 100
63 76.0 46.9 70.3#
154 65.4 46.9 70.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

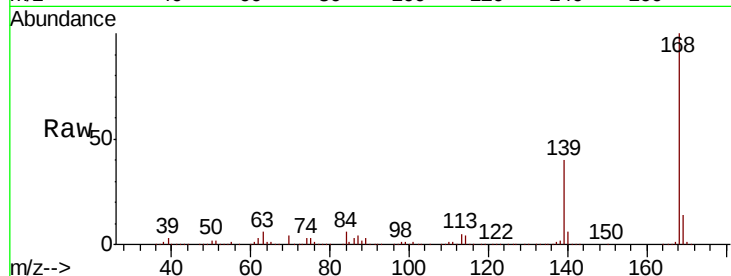




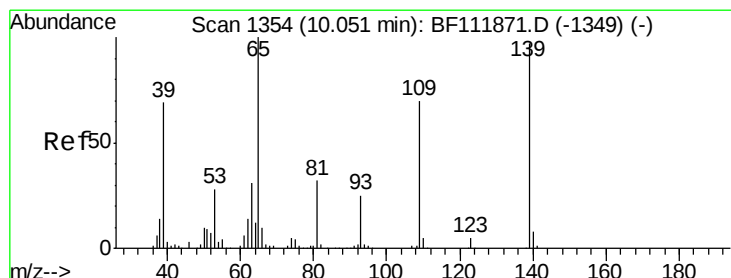
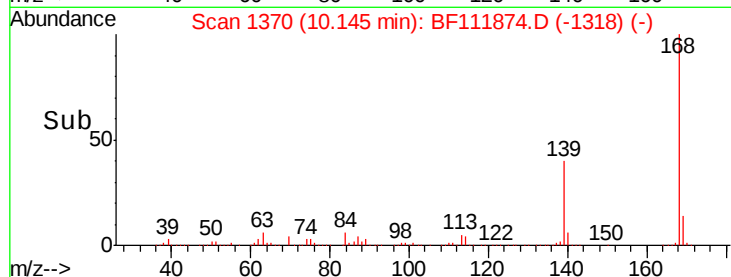
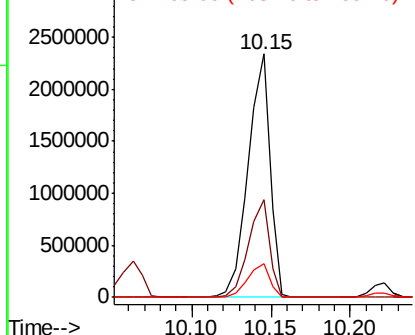
#55
Dibenzofuran
Concen: 71.680 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2235173
Ion Ratio Lower Upper
168 100
139 40.2 29.3 43.9
169 14.1 10.6 16.0

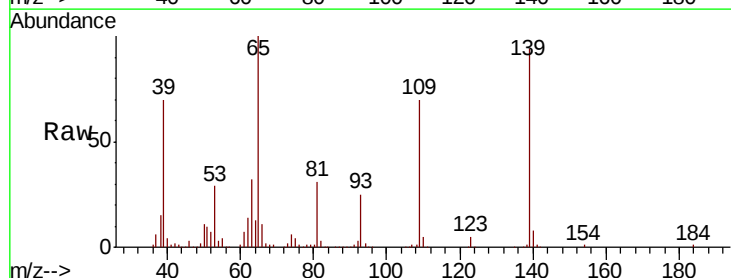


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

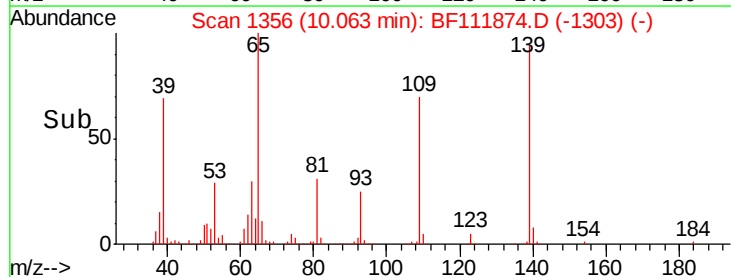
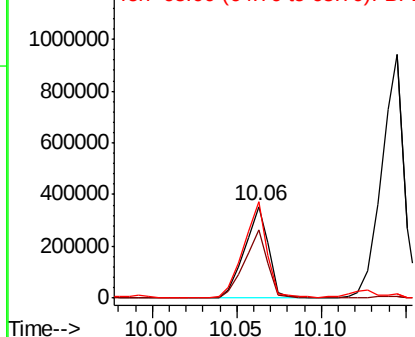


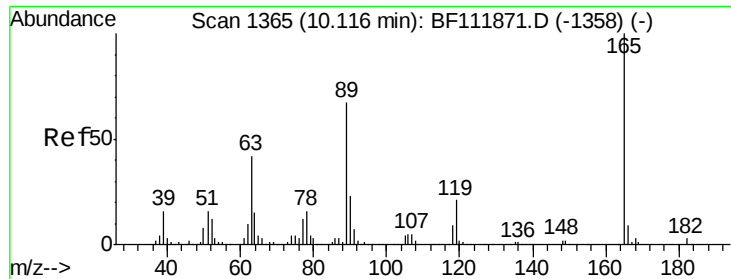
#56
4-Nitrophenol
Concen: 87.052 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:139 Resp: 354055
Ion Ratio Lower Upper
139 100
109 74.1 52.2 92.2
65 106.0 83.1 123.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

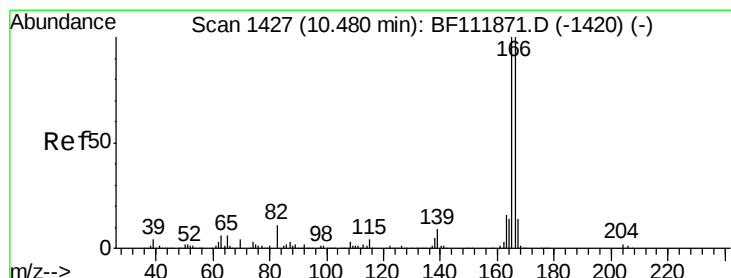
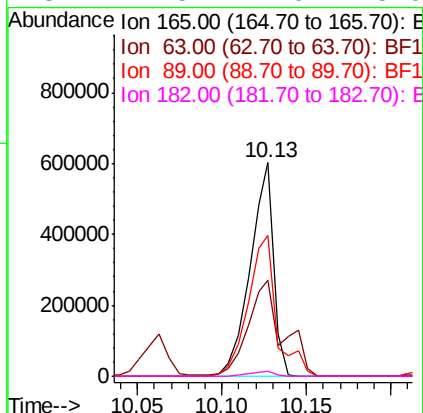
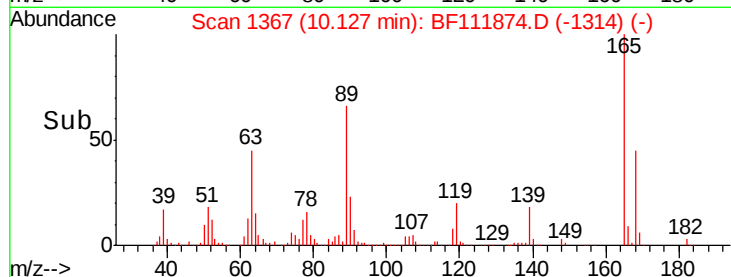
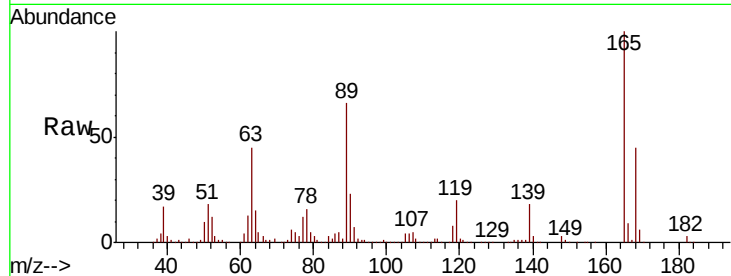




#57
2,4-Dinitrotoluene
Concen: 96.954 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

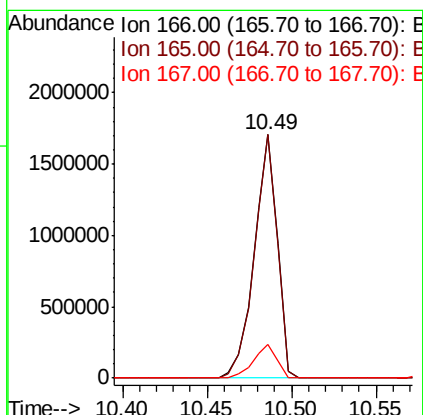
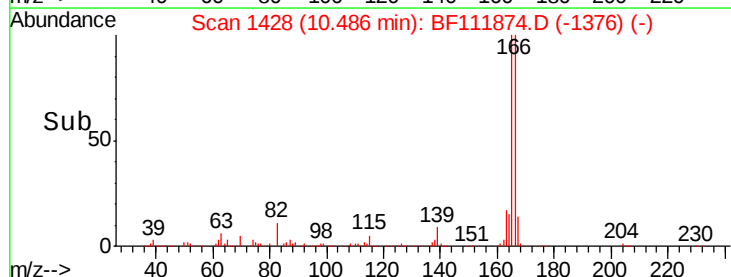
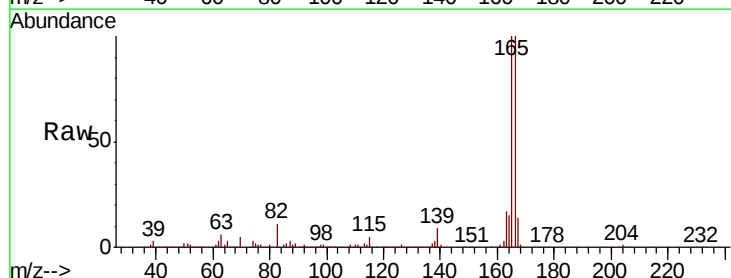
Instrument :
BNA_F
ClientSampleId :

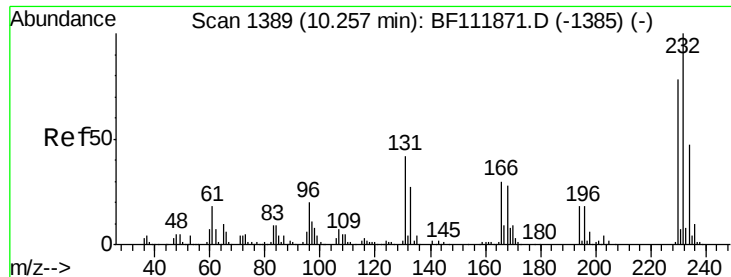
Tot Ion:165	Resp:	582290
Ion Ratio	Lower	Upper
165	100	
63	45.2	34.1 51.1
89	66.2	53.5 80.3
182	2.5	2.0 3.0



#58
Fluorene
Concen: 72.547 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:166	Resp:	1630125
Ion Ratio	Lower	Upper
166	100	
165	99.9	79.7 119.5
167	13.9	11.1 16.7

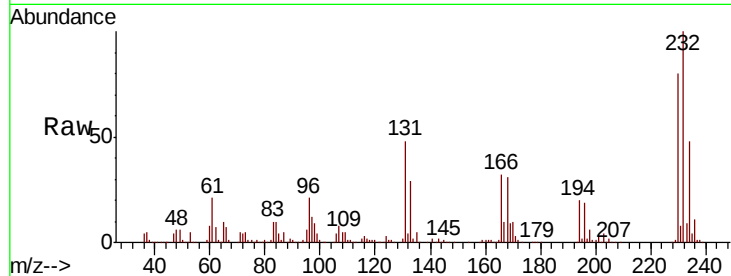




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 77.620 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF111874.D
 Acq: 7 Jan 2019 13:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.8	34.0	51.0
130	2.1	1.6	2.4
166	29.9	23.4	35.0



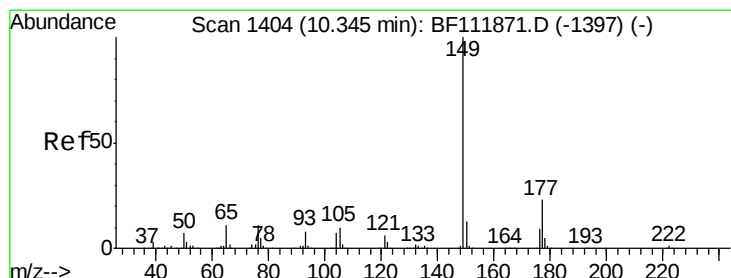
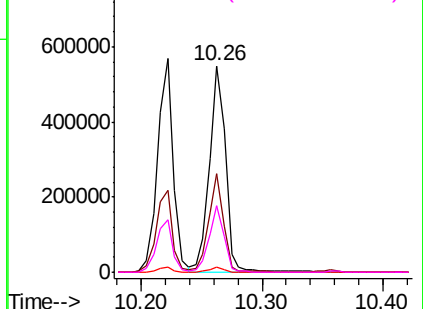
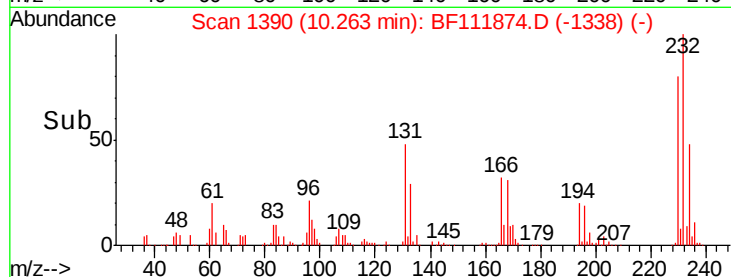
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

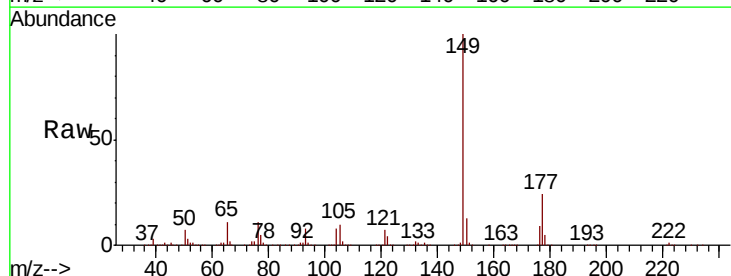
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 74.781 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF111874.D
 Acq: 7 Jan 2019 13:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.3	27.5
150	13.3	10.2	15.4

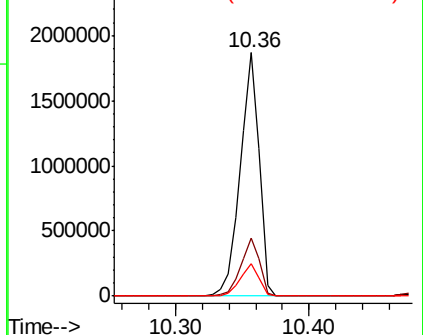
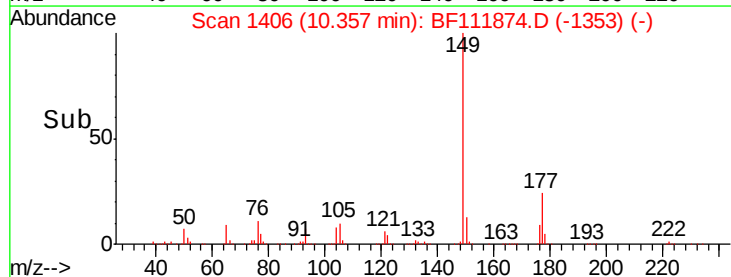


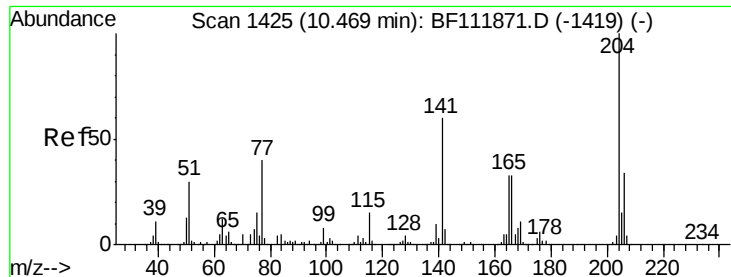
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

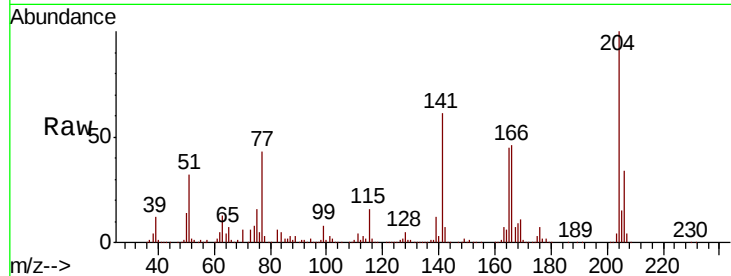




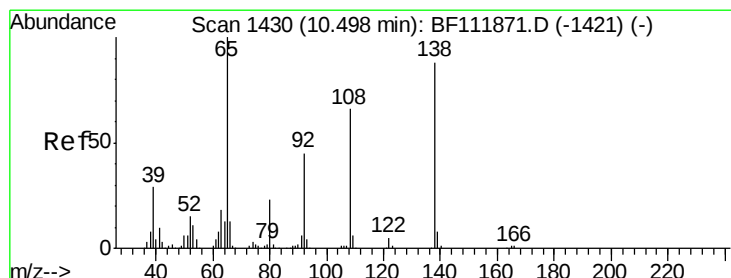
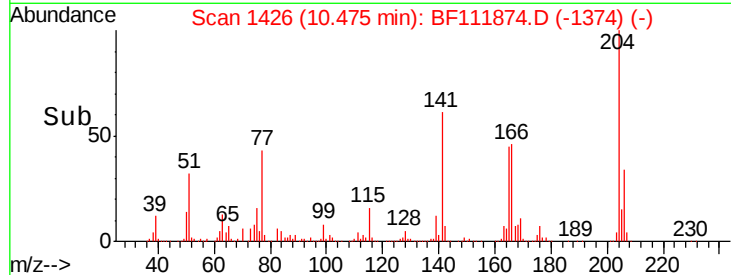
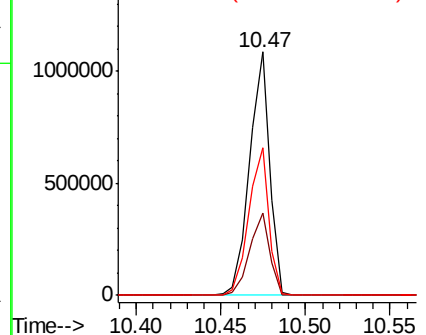
#61
4-Chlorophenyl-phenylether
Concen: 72.780 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 903523
Ion Ratio Lower Upper
204 100
206 34.0 26.9 40.3
141 60.6 47.9 71.9

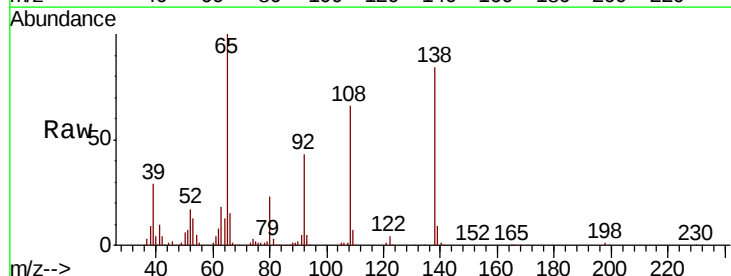


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

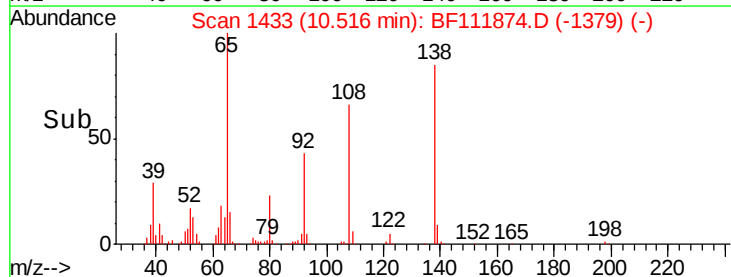
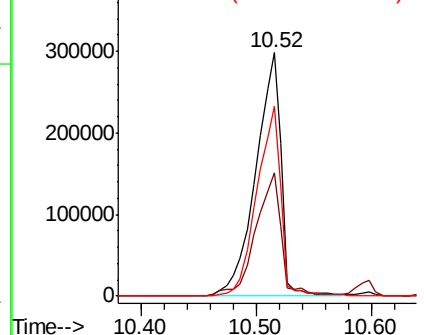


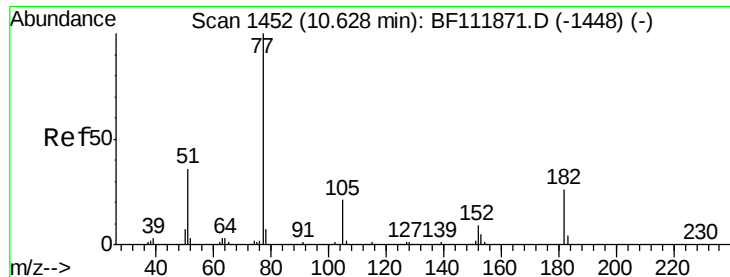
#62
4-Nitroaniline
Concen: 88.632 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.02 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:138 Resp: 459094
Ion Ratio Lower Upper
138 100
92 50.7 31.0 71.0
108 78.0 54.7 94.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 73.603 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1816491

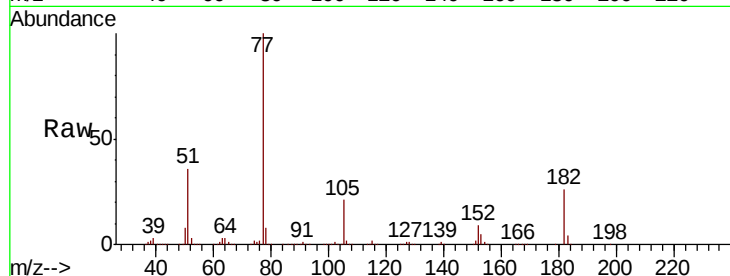
Ion Ratio Lower Upper

77 100

182 25.6 5.7 45.7

105 21.0 0.8 40.8

51 35.8 15.6 55.6

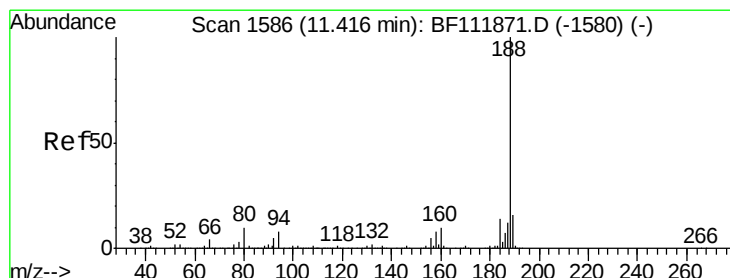
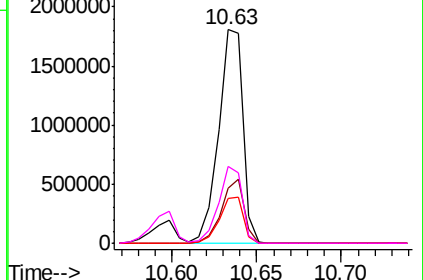
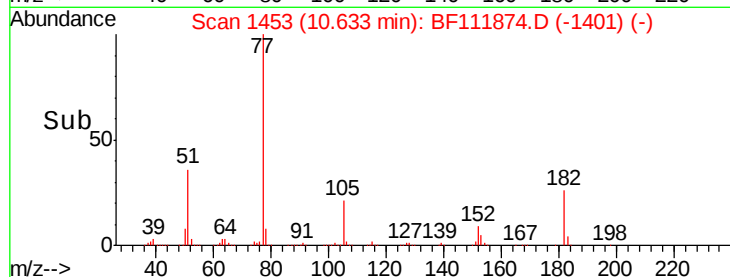


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

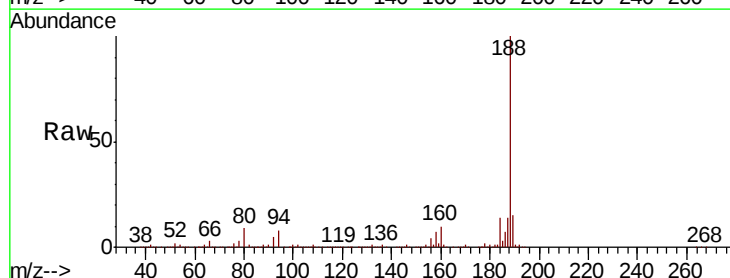
Tgt Ion:188 Resp: 642761

Ion Ratio Lower Upper

188 100

94 7.9 6.6 10.0

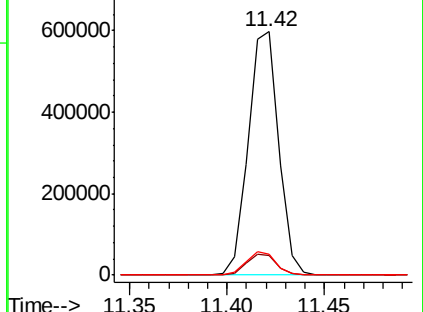
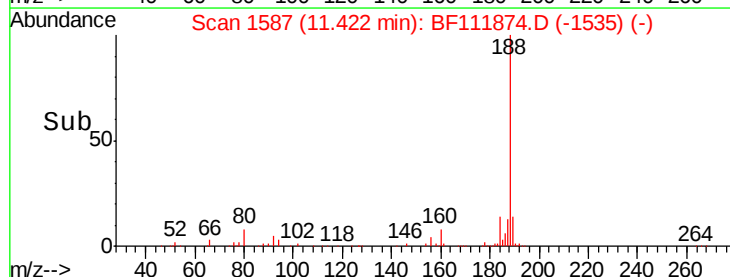
80 8.6 7.7 11.5

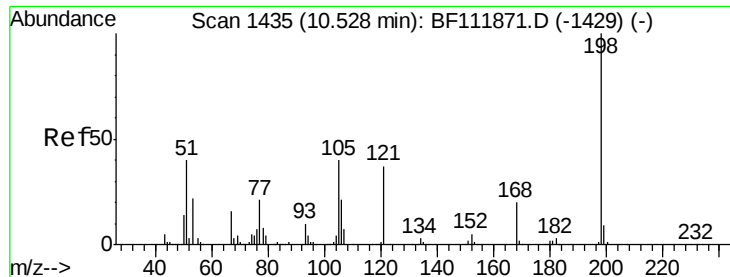


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

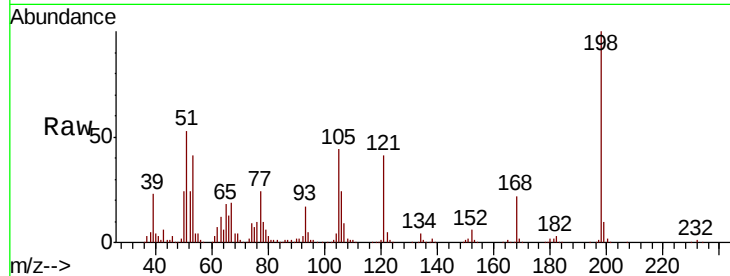




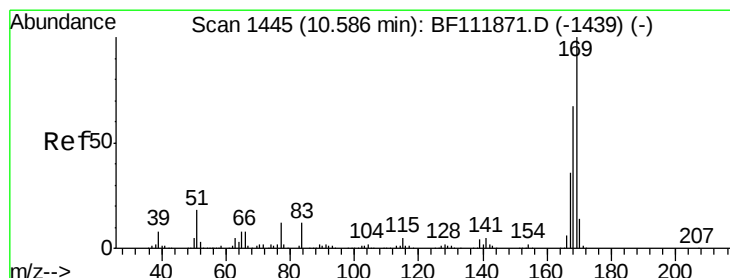
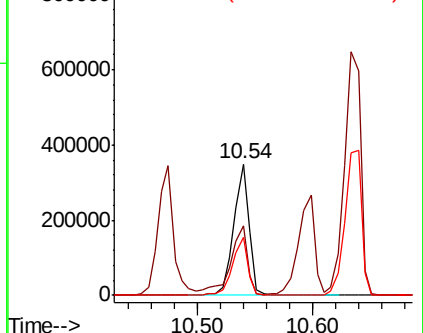
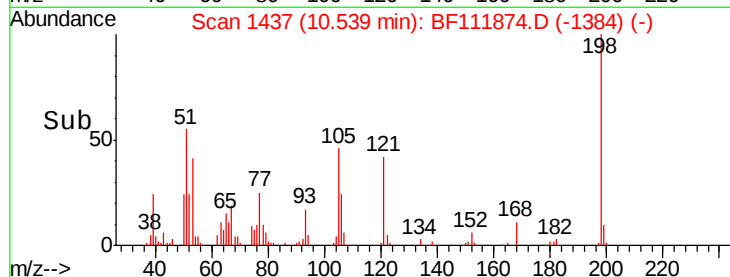
#65
4,6-Dinitro-2-methylphenol
Concen: 133.766 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 321188
Ion Ratio Lower Upper
198 100
51 53.4 27.2 67.2
105 44.4 21.0 61.0

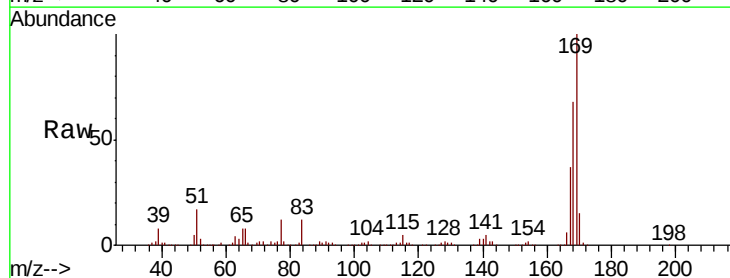


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

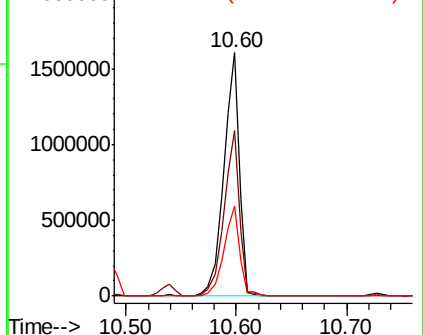
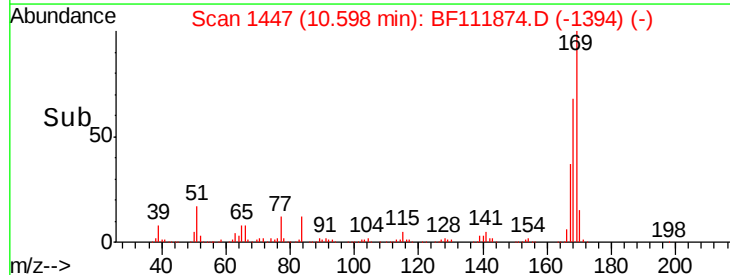


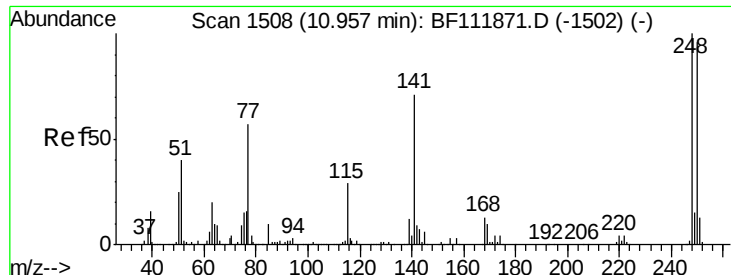
#66
n-Nitrosodiphenylamine
Concen: 72.685 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:169 Resp: 1568263
Ion Ratio Lower Upper
169 100
168 68.2 53.8 80.6
167 37.2 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

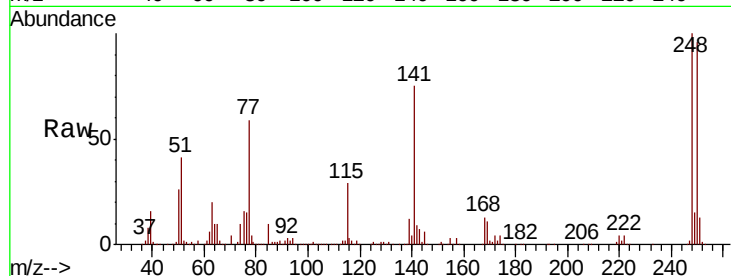




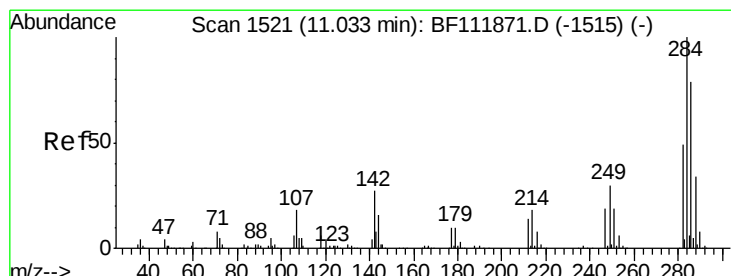
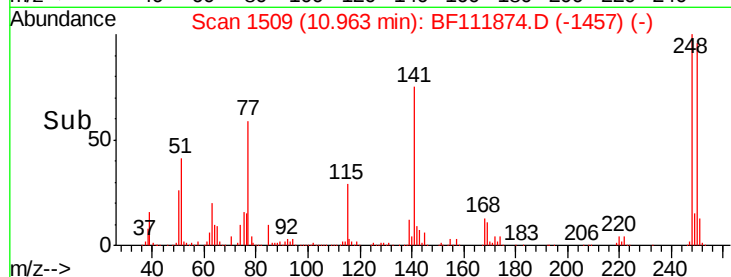
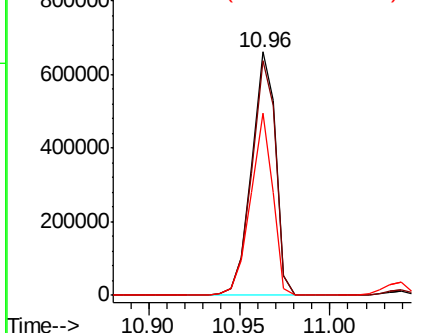
#67
4-Bromophenyl-phenylether
Concen: 76.333 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 608545
Ion Ratio Lower Upper
248 100
250 96.2 76.8 115.2
141 74.8 57.0 85.6

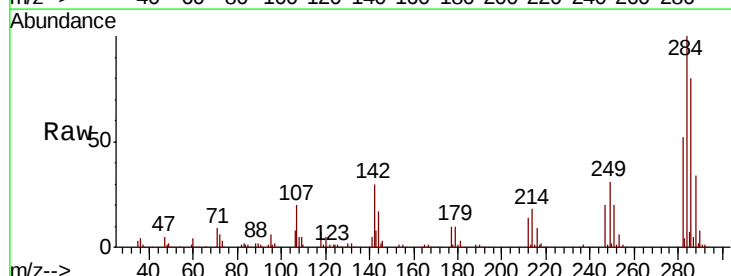


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

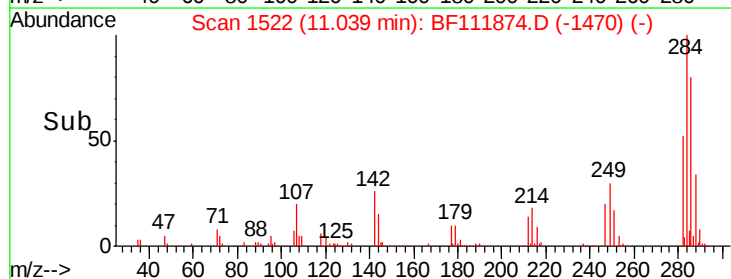
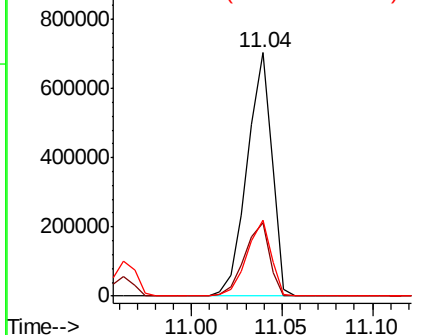


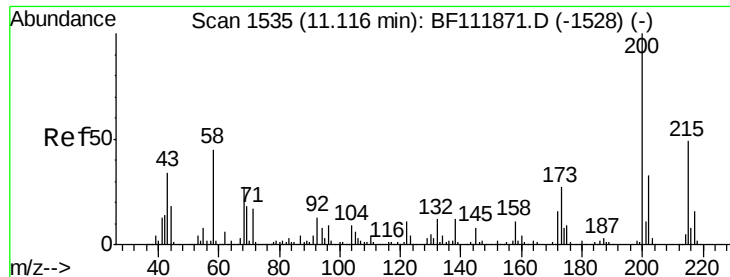
#68
Hexachlorobenzene
Concen: 75.473 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:284 Resp: 670874
Ion Ratio Lower Upper
284 100
142 30.1 21.8 32.6
249 31.4 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

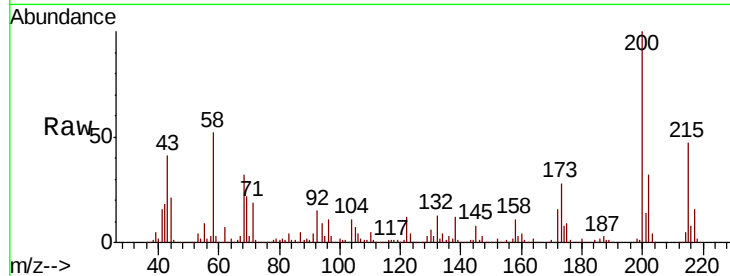




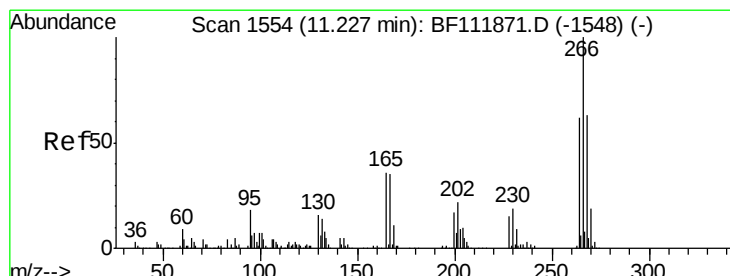
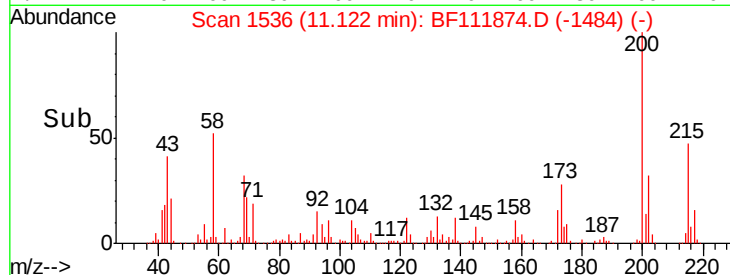
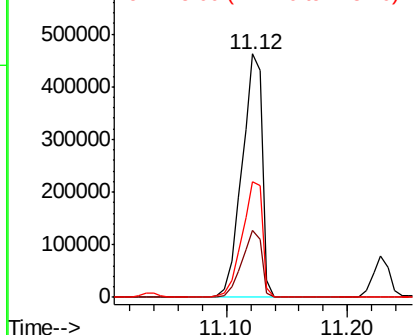
#69
Atrazine
Concen: 72.119 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 540583
Ion Ratio Lower Upper
200 100
173 27.7 6.6 46.6
215 47.5 28.9 68.9

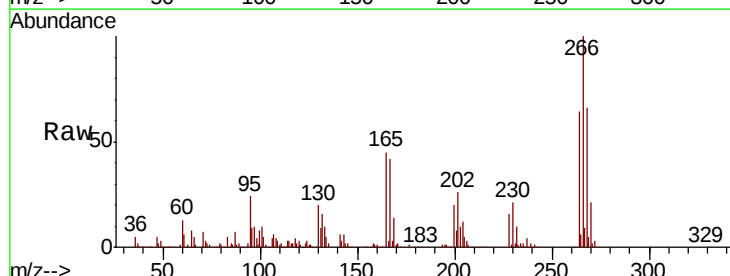


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

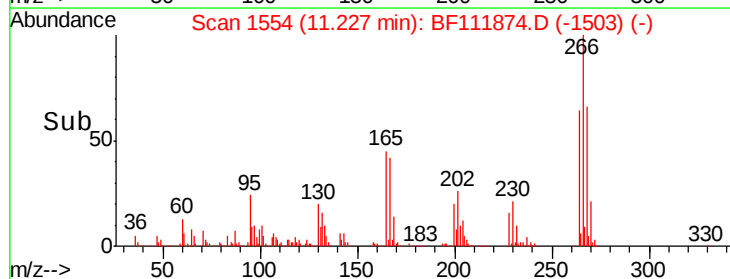
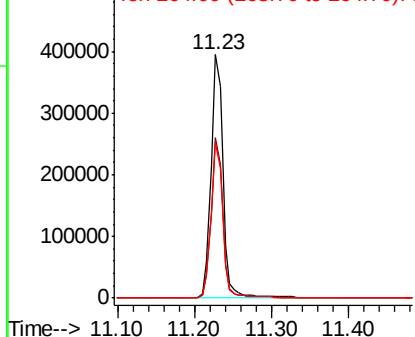


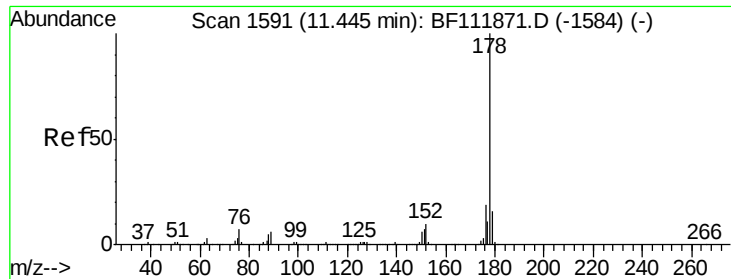
#70
Pentachlorophenol
Concen: 76.788 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:266 Resp: 421973
Ion Ratio Lower Upper
266 100
268 65.8 50.6 76.0
264 63.9 49.3 73.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

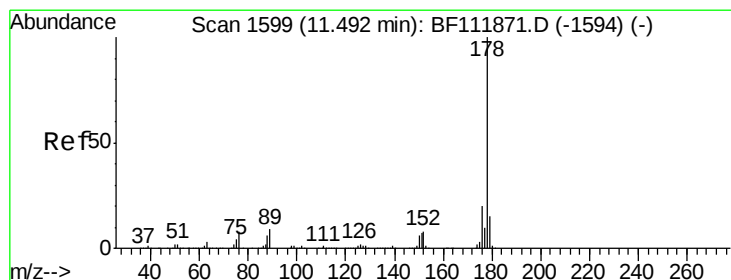
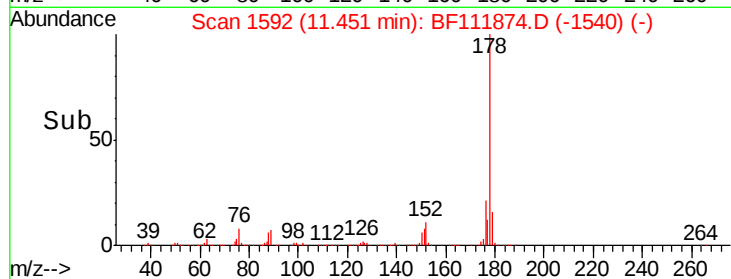
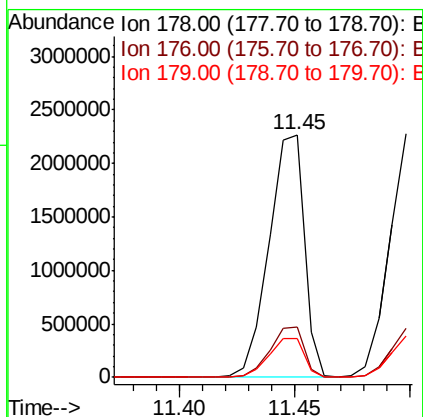
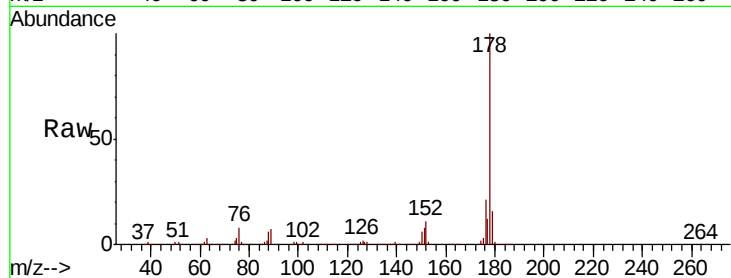




#71
Phenanthrene
Concen: 70.790 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

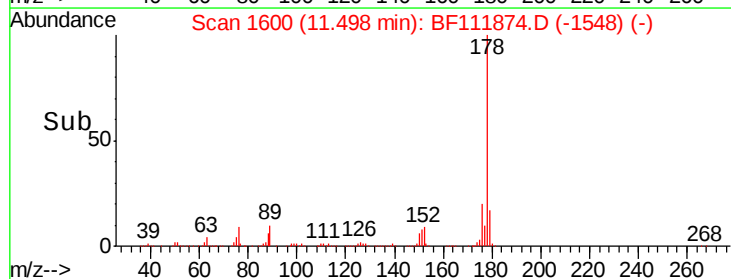
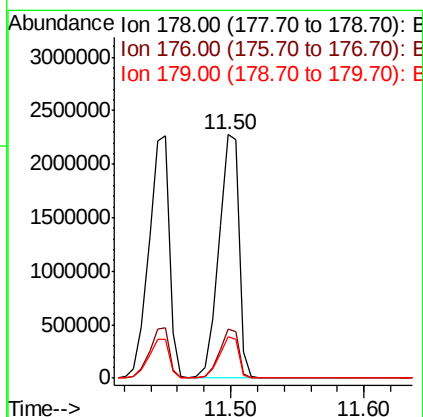
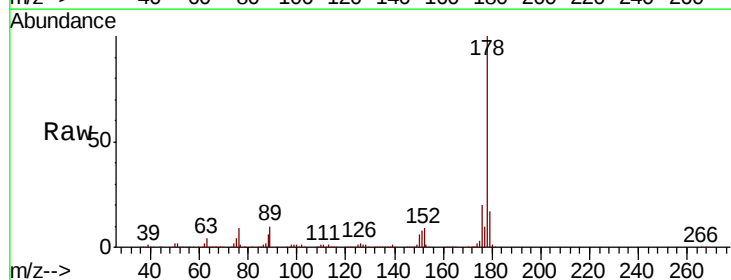
Instrument :
BNA_F
ClientSampled :

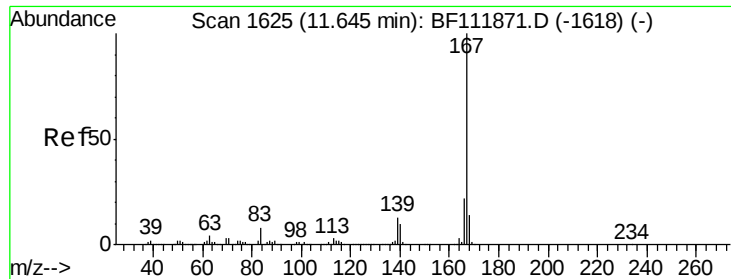
Tot Ion:178 Resp: 2413104
Ion Ratio Lower Upper
178 100
176 20.8 15.6 23.4
179 16.1 12.6 18.8



#72
Anthracene
Concen: 70.843 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:178 Resp: 2423942
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 16.8 12.4 18.6



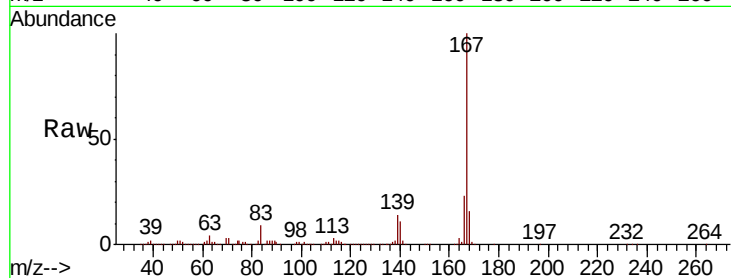


#73
 Carbazole
 Concen: 70.754 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF111874.D
 Acq: 7 Jan 2019 13:10

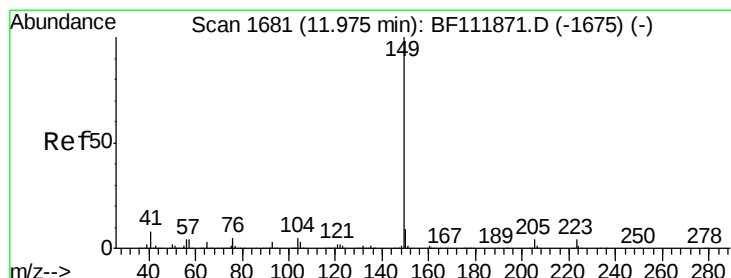
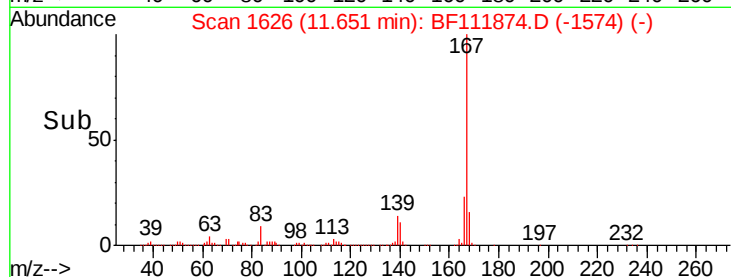
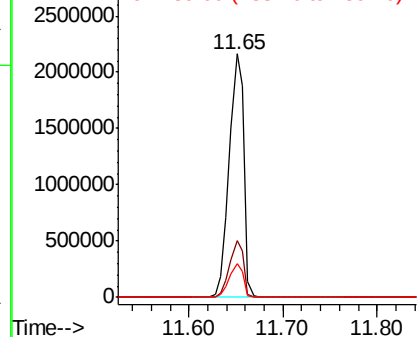
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2350366

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.8	26.6
139	14.0	10.6	16.0



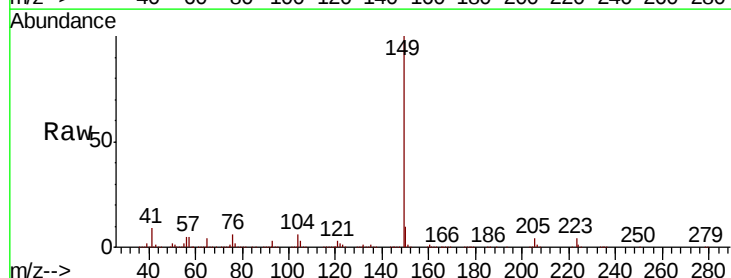
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



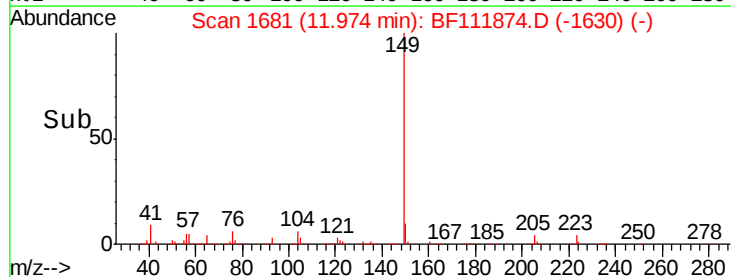
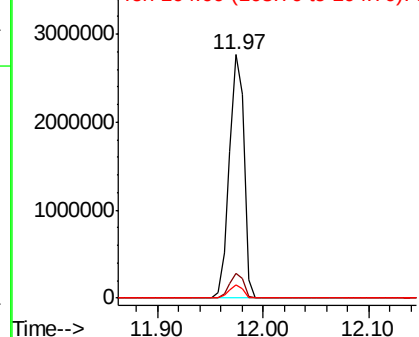
#74
 Di-n-butylphthalate
 Concen: 71.783 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF111874.D
 Acq: 7 Jan 2019 13:10

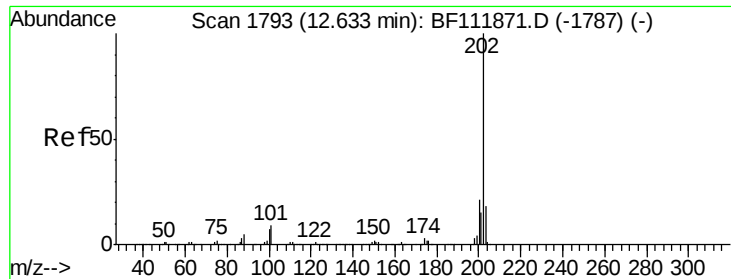
Tgt Ion:149 Resp: 2673573

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.5	11.3
104	5.6	3.9	5.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 69.825 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampleId :

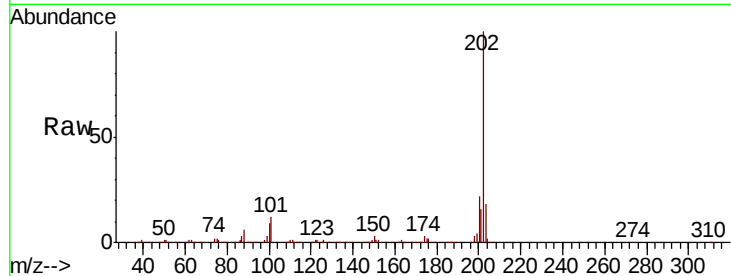
Tot Ion:202 Resp: 2410271

Ion Ratio Lower Upper

202 100

101 11.7 0.0 29.3

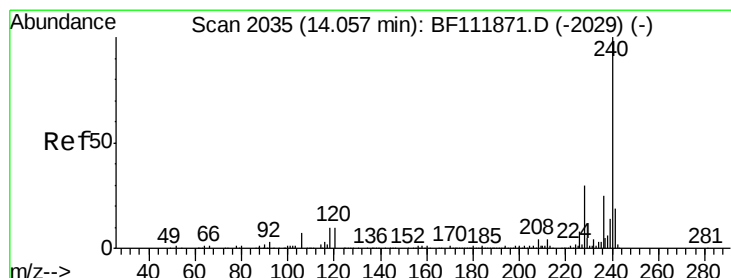
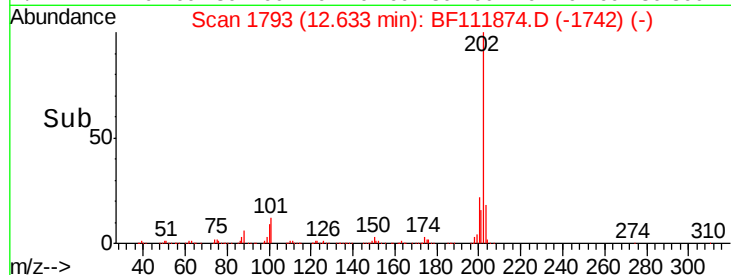
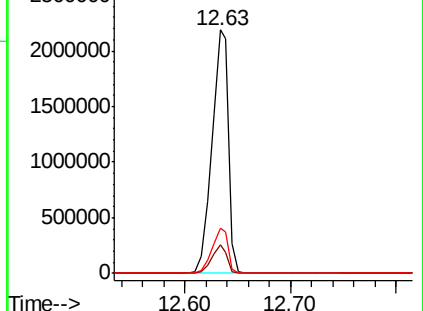
203 18.4 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

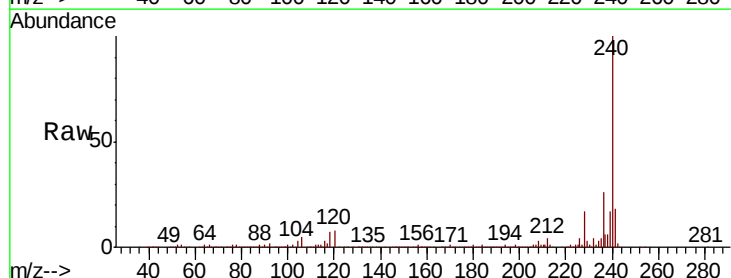
Tgt Ion:240 Resp: 423342

Ion Ratio Lower Upper

240 100

120 7.5 8.2 12.2#

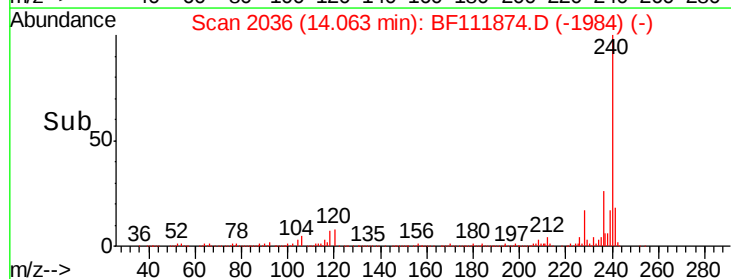
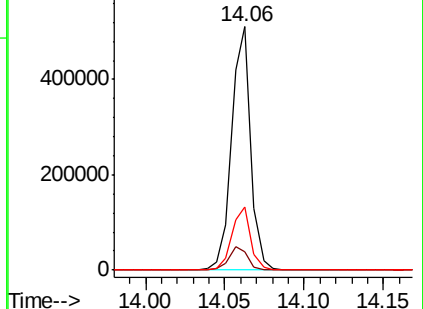
236 25.7 20.2 30.4

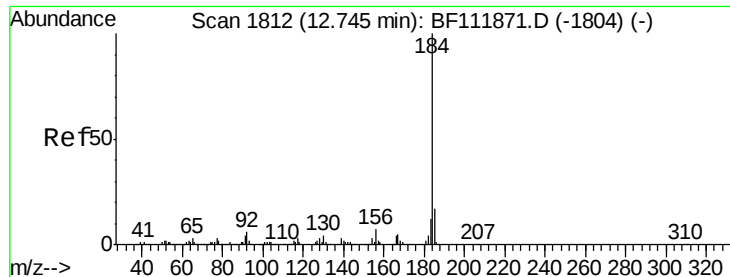


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.966 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.26 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampled :

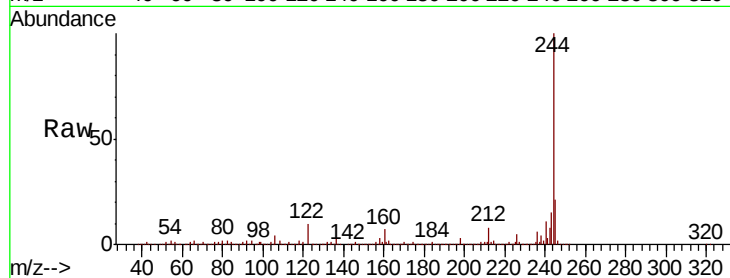
Tot Ion:184 Resp: 47247

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.0

183 9.8 9.6 14.4

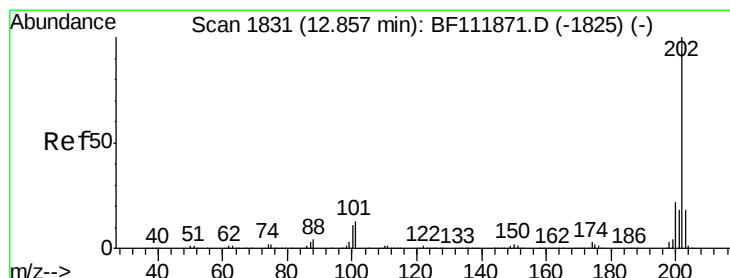
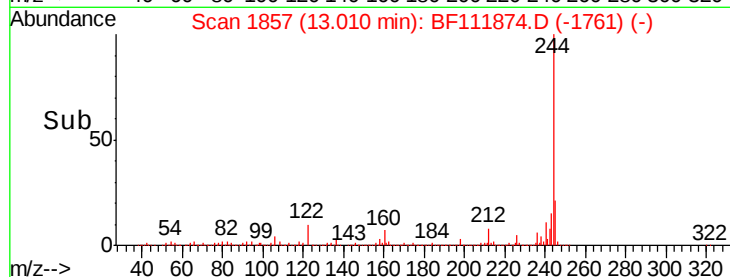
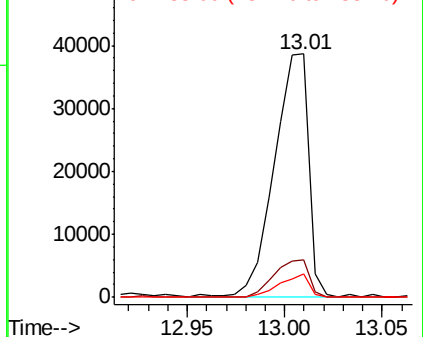


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 80.214 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

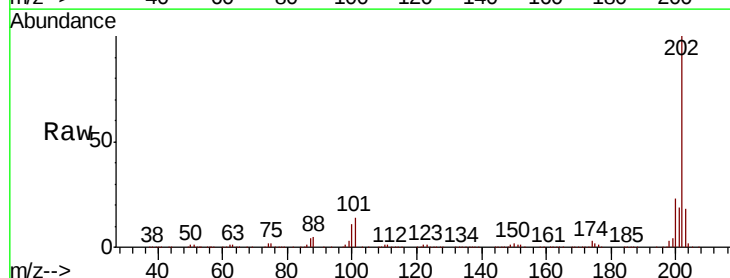
Tgt Ion:202 Resp: 2398030

Ion Ratio Lower Upper

202 100

200 22.7 17.4 26.2

203 18.3 14.6 21.8

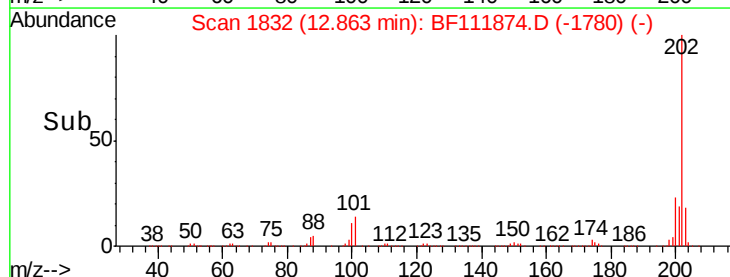
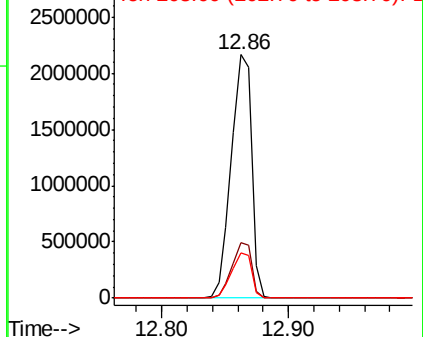


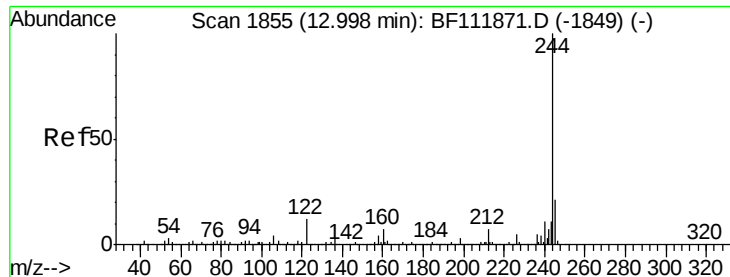
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 152.634 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampleId :

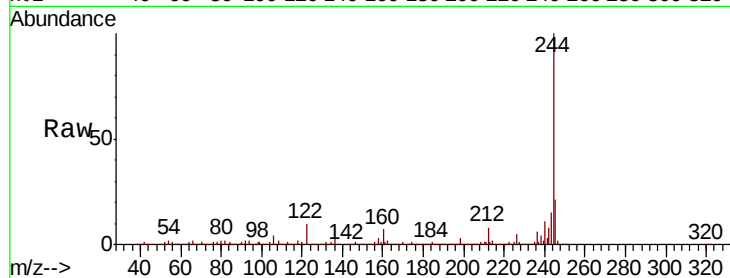
Tot Ion:244 Resp: 3407281

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

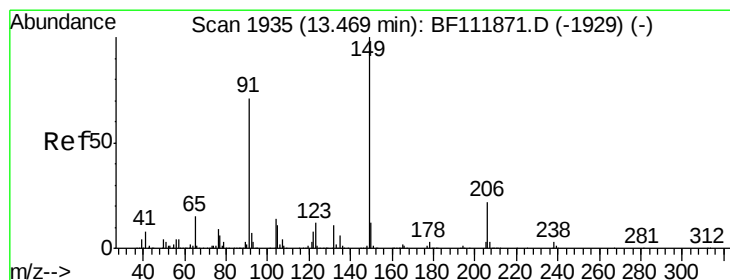
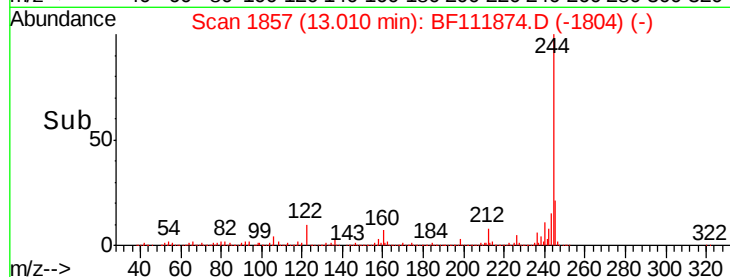
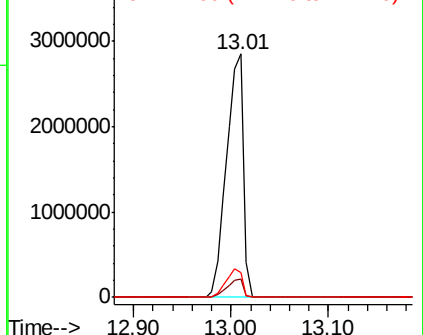
122 10.0 9.5 14.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 82.900 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

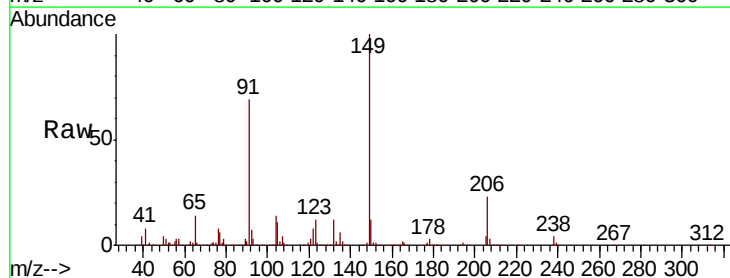
Tgt Ion:149 Resp: 1010229

Ion Ratio Lower Upper

149 100

91 69.0 57.2 85.8

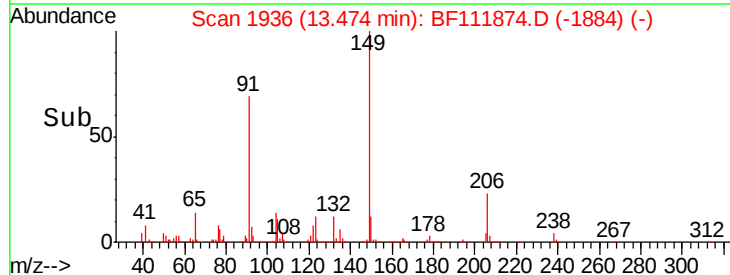
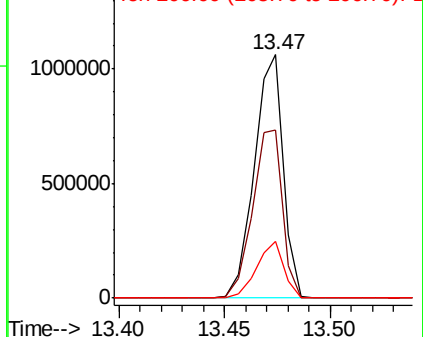
206 23.3 17.3 25.9

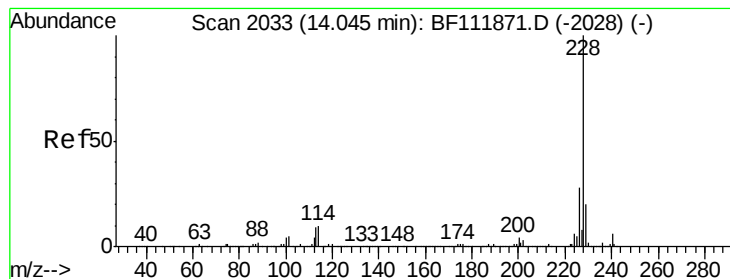


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 76.632 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampleId :

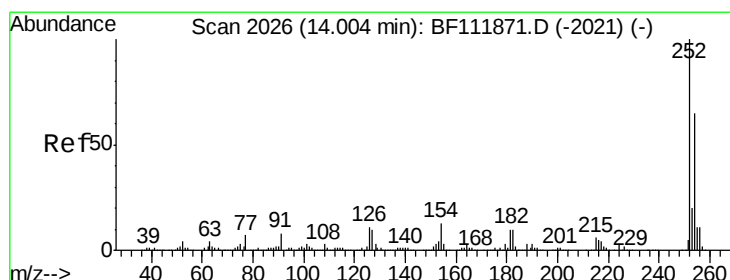
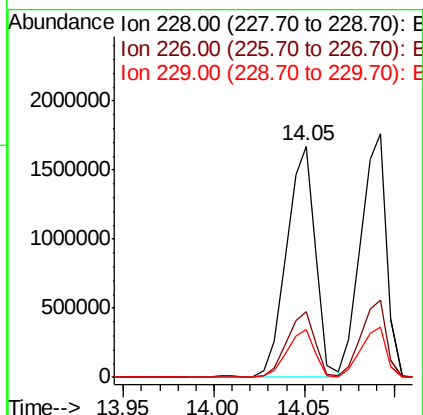
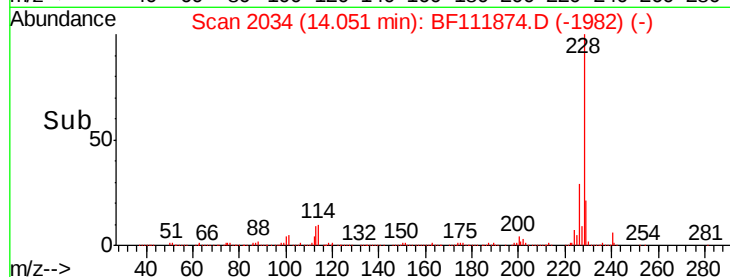
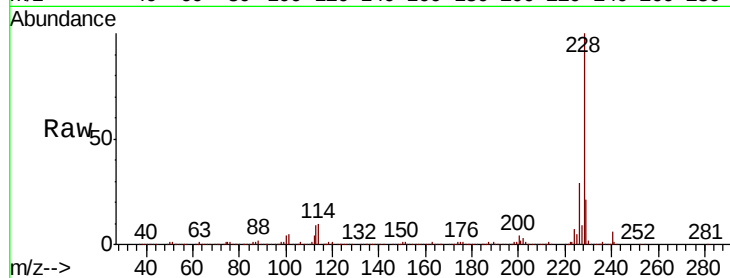
Tot Ion:228 Resp: 1851432

Ion Ratio Lower Upper

228 100

226 28.6 22.2 33.2

229 20.9 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 63.080 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

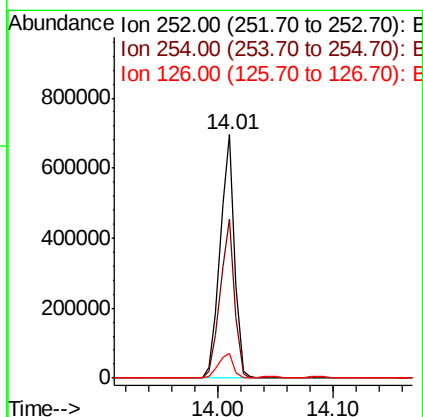
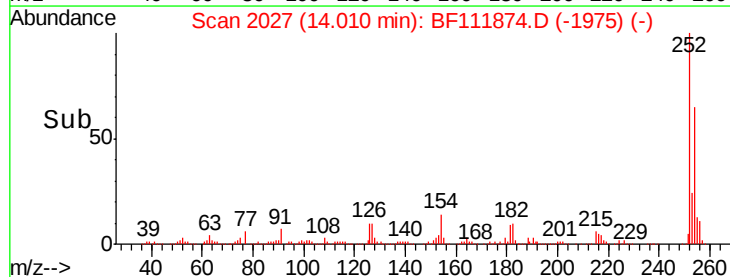
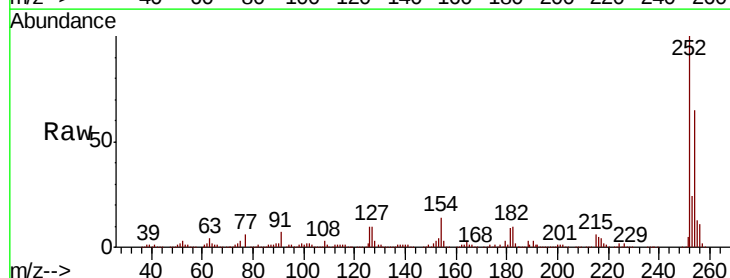
Tgt Ion:252 Resp: 602143

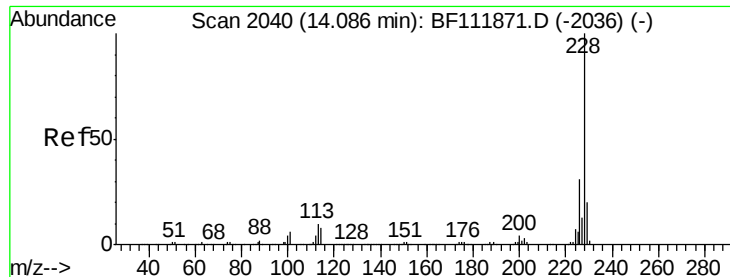
Ion Ratio Lower Upper

252 100

254 65.3 52.1 78.1

126 10.0 8.6 12.8

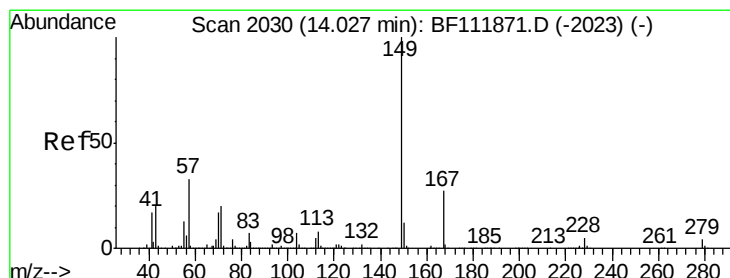
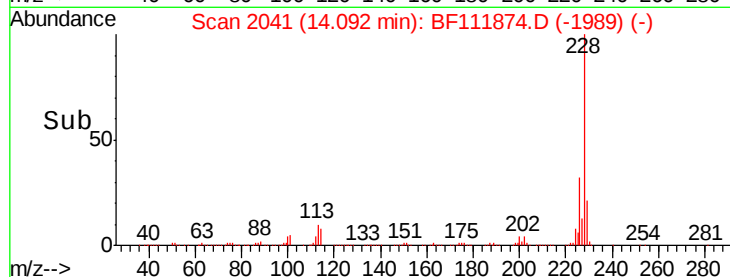
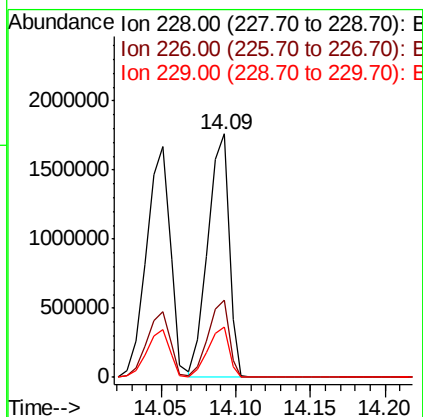
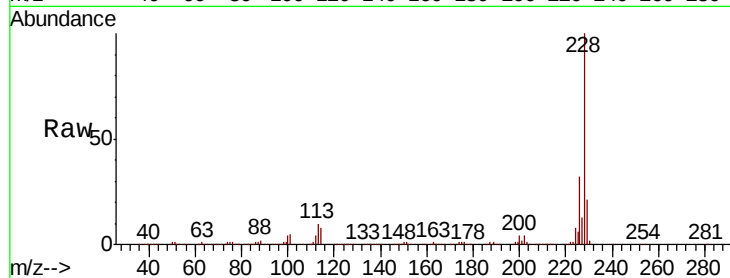




#83
 Chrvsene
 Concen: 73.404 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF111874.D
 Acq: 7 Jan 2019 13:10

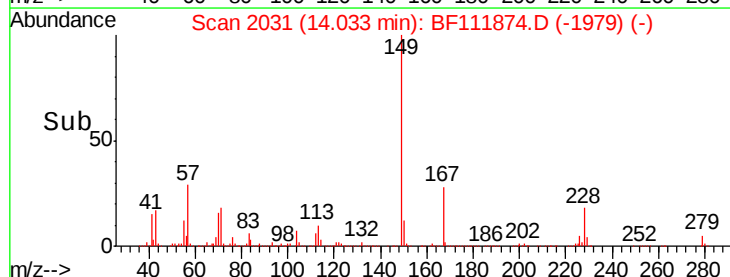
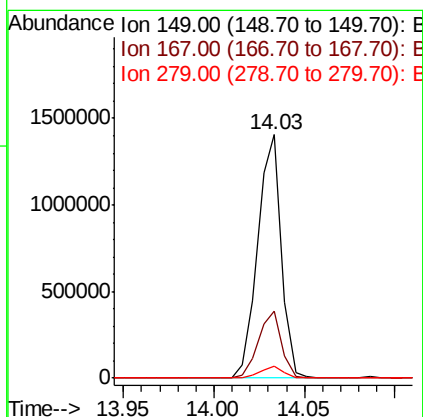
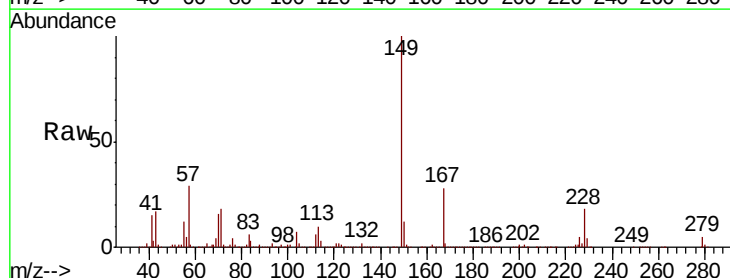
Instrument :
 BNA_F
 ClientSampleId :

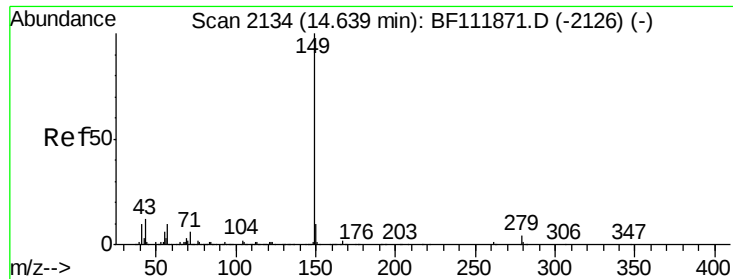
Tot Ion:228 Resp: 1743008
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.6 37.0
 229 20.5 15.7 23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 82.857 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF111874.D
 Acq: 7 Jan 2019 13:10

Tgt Ion:149 Resp: 1271832
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.5 32.3
 279 4.8 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 75.884 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

Instrument :

BNA_F

ClientSampled :

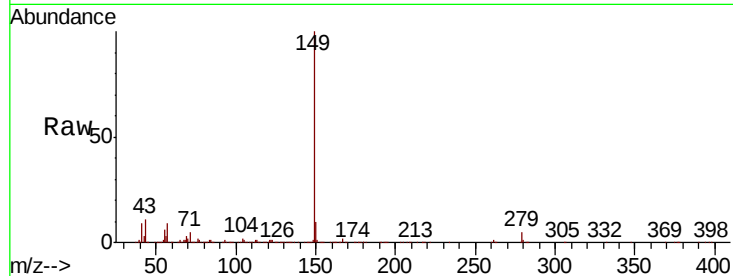
Tot Ion:149 Resp: 1804697

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

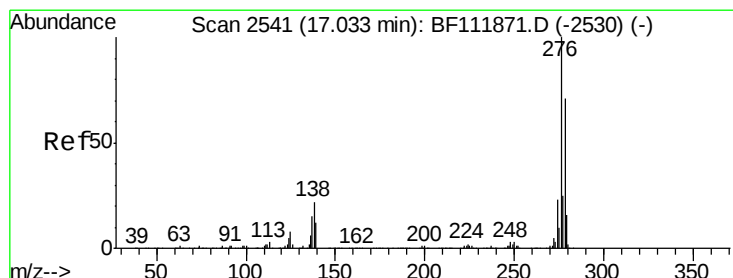
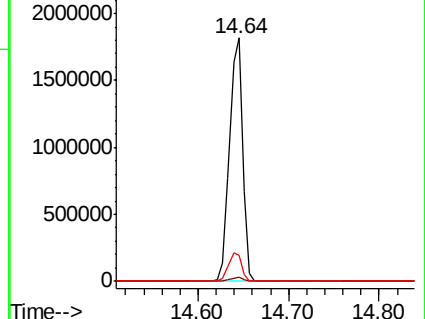
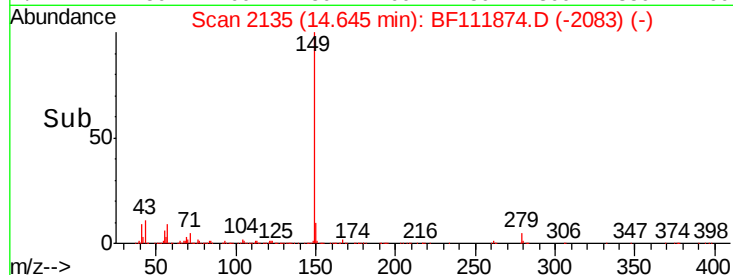
43 11.5 9.1 13.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 82.035 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF111874.D

Acq: 7 Jan 2019 13:10

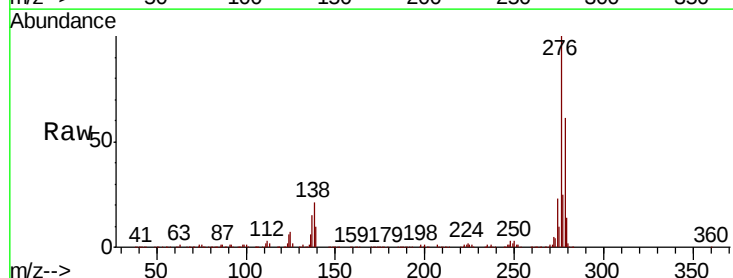
Tgt Ion:276 Resp: 1655973

Ion Ratio Lower Upper

276 100

138 22.7 18.1 27.1

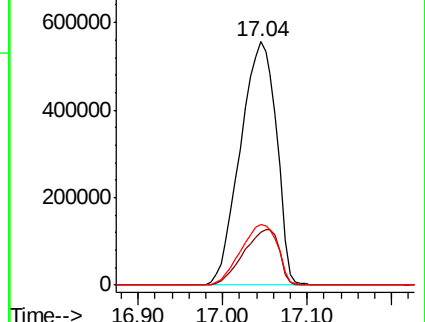
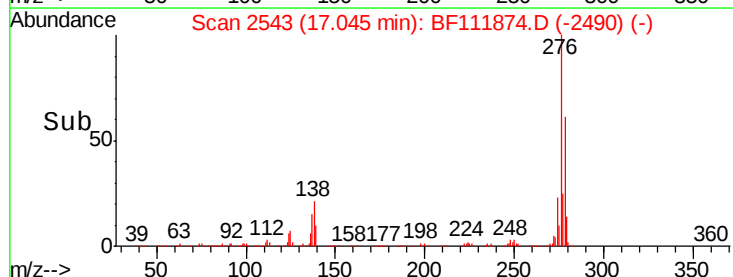
277 25.3 19.9 29.9

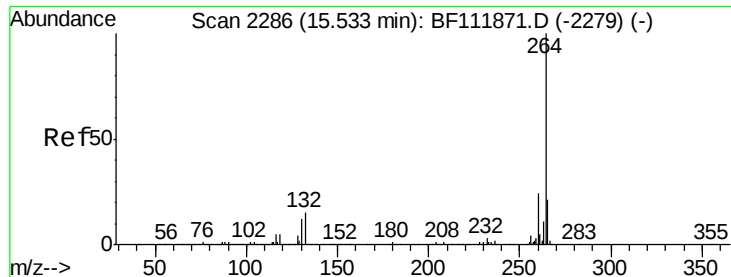


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

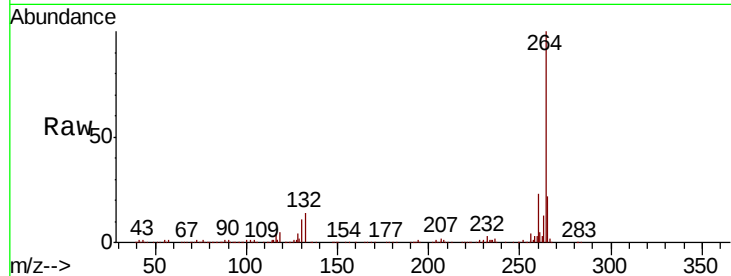




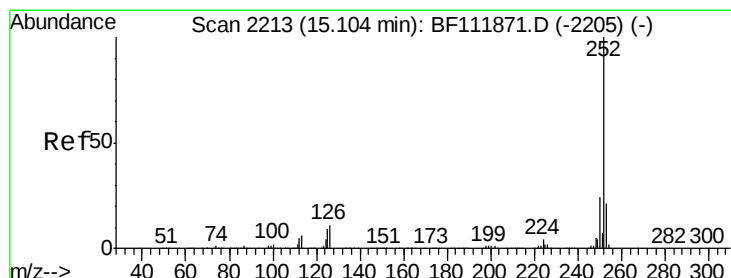
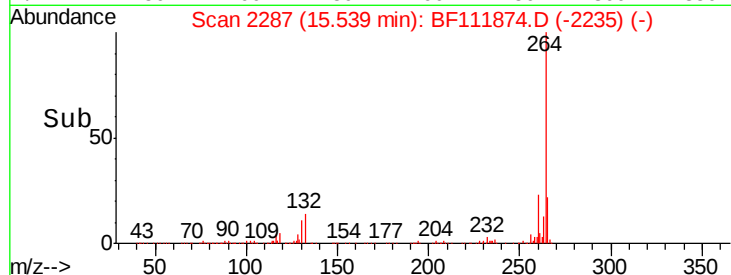
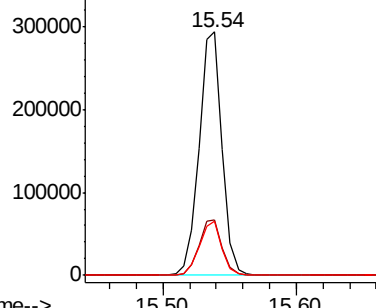
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 353665
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 22.1 17.1 25.7

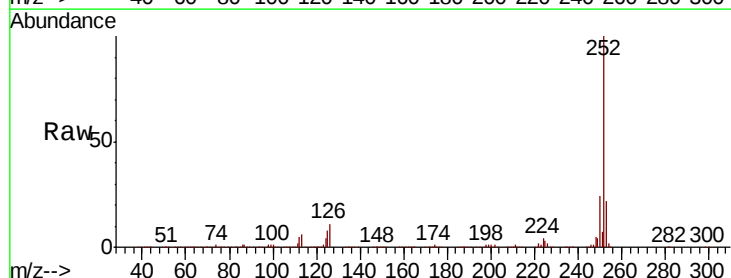


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

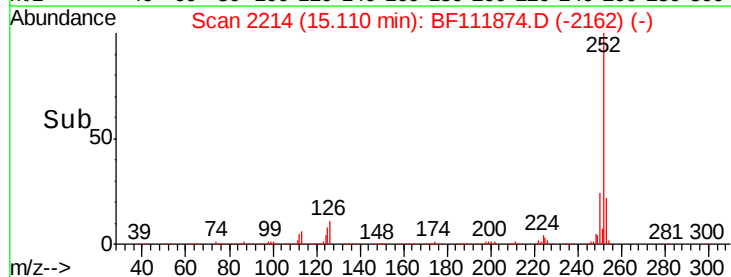
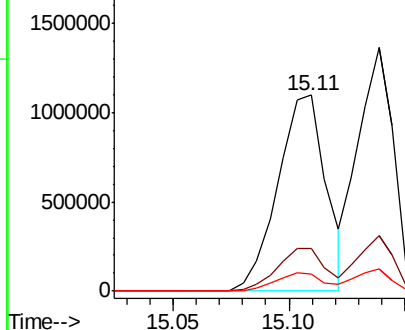


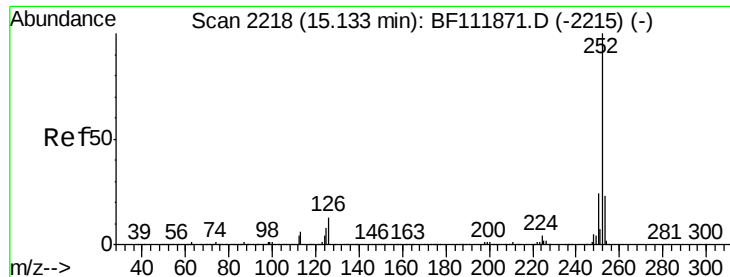
#88
Benzo(b)fluoranthene
Concen: 77.035 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:252 Resp: 1592278
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 8.5 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

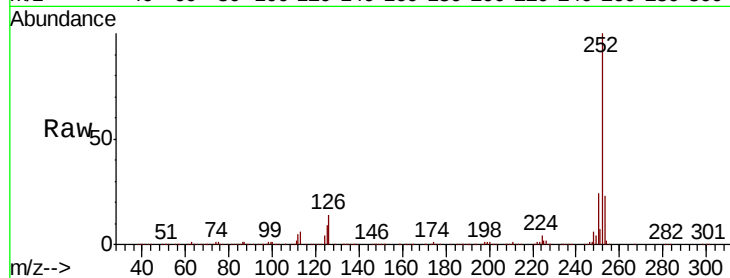




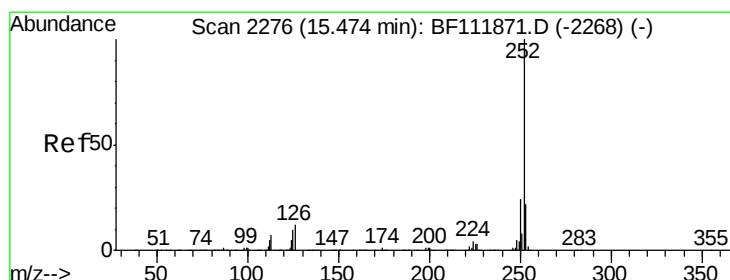
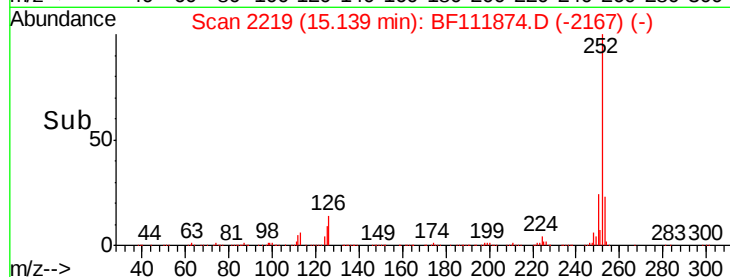
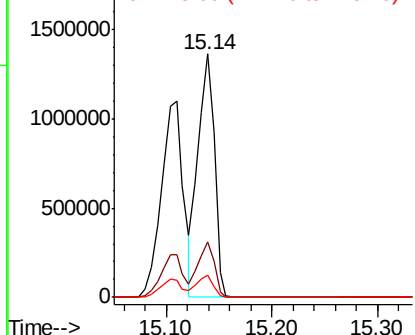
#89
Benzo(k)fluoranthene
Concen: 74.168 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1459480
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.4 7.0 10.4

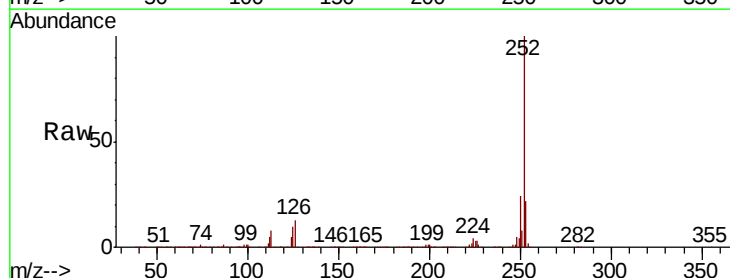


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

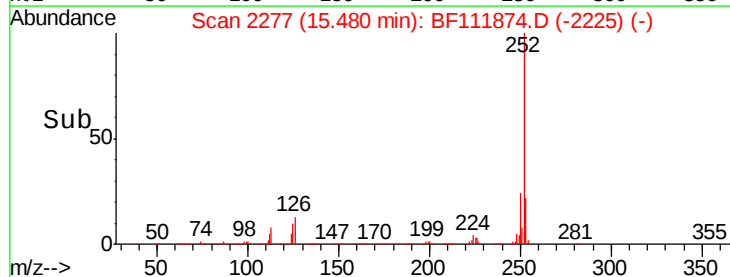
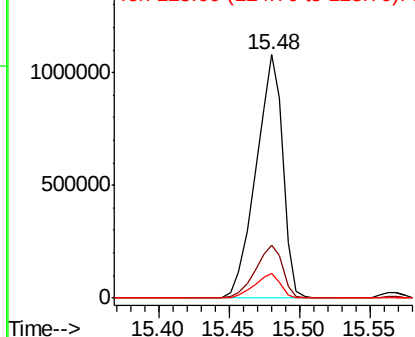


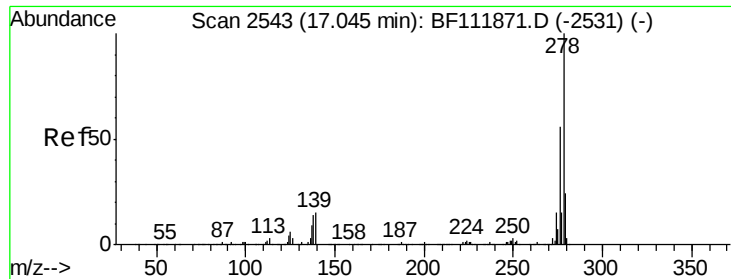
#90
Benzo(a)pyrene
Concen: 76.996 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:252 Resp: 1445874
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 10.3 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

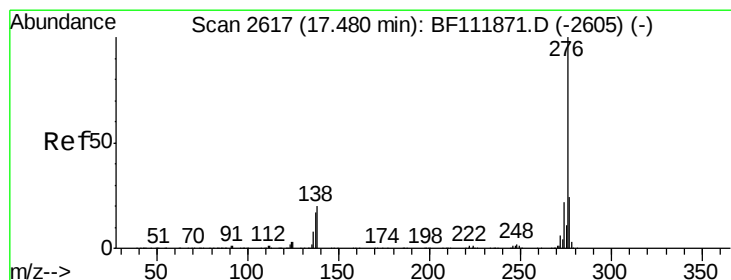
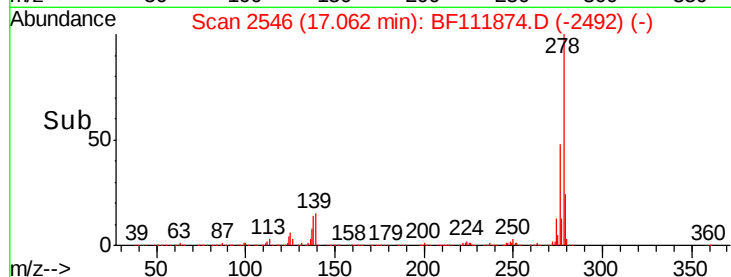
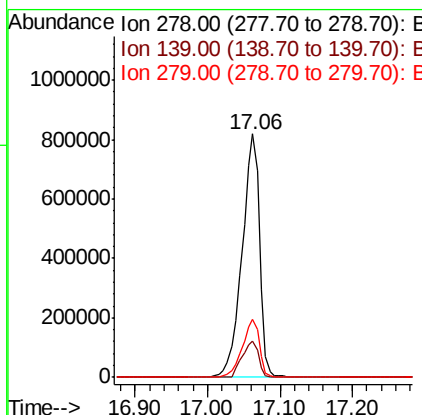
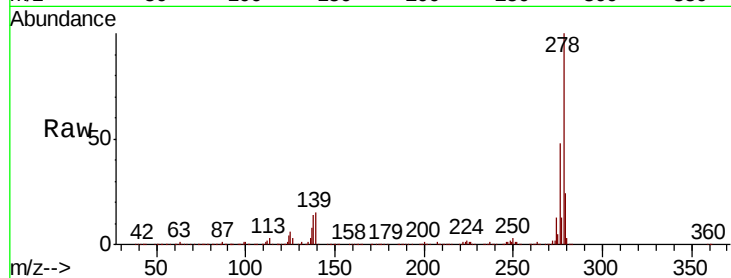




#91
Dibenzo(a,h)anthracene
Concen: 83.376 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 1371024
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.9 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 87.084 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF111874.D
Acq: 7 Jan 2019 13:10

Tgt Ion:276 Resp: 1398298
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 18.7 16.2 24.2

